SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Product name: KH-Einlassgrund
Date of printing: 12.11.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: KH-Einlassgrund

Unique Formula Identifier (UFI-Code): 7Y00-R0DY-100K-3WKM

Product type: alkyd paint

1.2 Relevant identified uses of the substance or mixture and uses advised against

Field of application: metal industry

Identified uses: Industrial applications, Professional applications, Used by spraying.

1.3 Details of the supplier of the safety data sheet:

Producer/Supplier: Bisdorf GmbH
Industriestraße 49-51
D-52224 Stolberg

Telephone: +49 (0) 2402 / 71048
Telefax: +49 (0) 2402 / 75465
E-Mail adress: bisdorf-lacke@arcor.de

1.4 Emergency telephone number

Emergency information: Information Center against Poisons
University Bonn

Telephone number: +49 (0)228 / 19240

Date of issue: 12.11.2025

Date of previous issue: 09.10.2023

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification acc. to GHS

Section	Hazard class	Hazard class and category	Hazard statement
2.6	flammable liquid	Flam. Liq. 3	H226
3.8D	specific target organ toxicity - single exposure (narcotic effects, drowsiness)	STOT SE 3	H336
3.10	Aspirationsgefahr	Asp. Tox. 1	H304

See Section 11 for more detailed information on health effects and symptoms.

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2.2 Label elements

Hazard pictograms:

Signal word: Danger

Hazard statements:
H226 - Flammable liquid and vapor.
H304 - May be fatal if swallowed and enters airways.
H336 - May cause drowsiness or dizziness.
EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

Prevention:
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260 - Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 - Get medical advice/attention if you feel unwell.
P331 - Do NOT induce vomiting.

Storage:
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.

Disposal:
P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements: -

Indication at Labelling:
The pictogram GHS 02 (flame) can according GHS/CLP Art. 33 (3) substituted to label of ADR.

2.3 Other hazards

Endocrine disrupting properties (human health):
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Endocrine disrupting properties (environment):
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

PBT and vPvB assessment:
This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product/ingredient name	Identifiers	%	**Classification** 1272/2008/EC (CLP)	Type
solvent naphtha (petroleum), light arom.	REACH: 01-2119455851-35 CAS: *64742-95-6 EG: 265-199-0 M-Faktor: 1	<1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 STOT SE 3, H336 Aquatic Chronic 2, H411	[1] [2]
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	REACH: 01-2119463258-33 CAS: 64742-48-9 EG: 265-150-3	35-40	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	[1] [2]
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	REACH: 01-2119458049-33 CAS: 64742-82-1 EG: 919-446-0	5-10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	[1]
1-methoxy-2-propanol (PM)	REACH: 01-2119457435-35 CAS: 107-98-2 EG: 203-539-1	1-5	Flam. Liq. 3, H226 STOT SE 3, H336	[1] [2]
2-pentanone oxime	REACH: 01-2119980079-27 CAS: 623-40-5 EG: 484-470-6	<1	AcuteTox. 4, H302 Eye Irrit. 2, H319	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Type
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: In all cases of doubt, or when symptoms persist, seek medical attention. If unconscious, place in recovery position and get medical attention immediately. Never give anything by mouth to an unconscious person. In any case show the physician the Safety Data Sheet.

Inhalation: Remove affected persons from dangerous area by observing suitable respiratory Protection measures. Remove the casualty into fresh air and keep at rest. After intensive inhalation consult a doctor in every case, even if no symptoms occur.

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Skin contact:	Take off immediately all contaminated clothing. Wash contaminated clothing before reusing. Do not allow the product to dry on the skin. Wash skin thoroughly with soap and water or use recognised skin cleanser. Consult a doctor in case of persisting skin irritation.
Eye contact:	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Begin with medical treatment.
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information:	When inhaled or swallowed depending on the time and amount, it can give rise to the following symptoms: headaches, giddiness, tiredness, nausea, vomiting, irregular heart beat, intoxication, unconsciousness, asphyxiation and fatality.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:	Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable:	Extinguishing measures to suit surroundings. In case of fire, use water spray jet, dry extinguishing powder, foam or carbon dioxide.
Not suitable:	water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion Products:	Fire will produce dense black smoke containing hazardous combustion products. In a fire, the following may be released: carbon dioxide, carbon monoxide, not combusted hydrocarbons.

5.3 Advice for firefighters

Special protective equipment for fire-fighters:	During fire-fighting wear self-contained breathing apparatus and protective clothing.
Additional information:	The product is flammable. Use water spray to keep fire-exposed containers cool. Use extinguishing media suitable for surrounding materials. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General information: To avoid fire, eliminate ignition sources. Provide adequate ventilation. Use personal protective equipment. Avoid contact with eyes, skin and clothing. Avoid breathing vapours, spray or mists.

6.2 Environmental precautions

General information: Do not discharge into the drains / surface waters / groundwater. Prevent spread over a wide area e.g. by containment or oil barriers.

6.3 Methods and material for containment and cleaning up

General information: Absorb with liquid-binding material (sand, diatomite, universal binders etc.) or use a spill kit. Containers in which spilt substance has been collected must be adequately labelled. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

6.4 Reference to other sections

General information: See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures: Keep away from sources of ignition - No smoking. Vapours may form explosive mixtures with air.
Take precautionary measures against electrostatic discharges. Provide good ventilation of working area. The working procedure should be planned as far as allowed by state-of-the-art technology so as to avoid release of hazardous substances or prevent skin contact. The level of risk involved in product handling must be reduced to a minimum by means of protective and preventive measures.

7.2 Conditions for safe storage, including any incompatibilities

General information: Store in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Store in accordance with local regulations.

German storage class: 10 - Combustible liquids neither in Storage Class 3

7.3 Specific end use(s)

See separate Product Data Sheet for recommendations or industrial sector specific solutions.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

Product/ingrediet name	CAS-Nr.	Nota -tion	Identi-fier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Source
solvent naphtha (petroleum), light arom.	64742-95-6		IOLEV	25	120			2017/164/EU
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9			25	125			AGCIH
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	64742-82-1	skin		100	300			OEL/EU
1-methoxy-2-propanol (PM)	107-98-2		IOLEV	100	375	150	568	2017/164/EU

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average

DNELs/DMELs

Product/ingredient name		
solvent naphtha (petroleum), light arom.		
Oral	DNEL (population)	11 mg/kg bw/day (Long-term - systemic effects)
Dermal	DNEL (worker)	25 mg/kg bw/day (Long-term - systemic effects)
	DNEL (population)	11 mg/kg bw/day (Long-term - systemic effects)
Inhalation	DNEL (worker)	150 mg/m³ (Long-term - systemic effects)
	DNEL (population)	32 mg/m³ (Long-term - systemic effects)

Product/ingredient name		
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
Oral	DNEL (population)	300 mg/kg bw/day (Long-term - systemic effects)
Dermal	DNEL (worker)	300 mg/kg bw/day (Long-term - systemic effects)
	DNEL (population)	300 mg/kg bw/day (Long-term - systemic effects)
Inhalation	DNEL (worker)	1500 mg/m³ (Long-term - systemic effects)
	DNEL (population)	900 mg/m³ (Long-term - systemic effects) (24 h)

Product/ingredient name		
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	DNEL (population)	26 mg/kg bw/day (Long-term - systemic effects)
Dermal	DNEL (worker)	44 mg/kg bw/day (Long-term - systemic effects)
	DNEL (population)	26 mg/kg bw/day (Long-term - systemic effects)
Inhalation	DNEL (worker)	330 mg/m³ (Long-term - systemic effects)
	DNEL (population)	71 mg/m³ (Long-term - systemic effects)

Product/ingredient name		
1-methoxy-2-propanol (PM)		
Oral	DNEL (population)	3,3 mg/kg bw/day (Long-term - systemic effects)
Dermal	DNEL (worker)	183 mg/kg bw/day (Long-term - systemic effects)
	DNEL (population)	78 mg/kg bw/day (Long-term - systemic effects)
Inhalation	DNEL (worker)	553,5 mg/m³ (Acute - local effects)
		369 mg/m³ (Long-term - systemic effects)
	DNEL (population)	43,9 mg/m³ (Long-term - systemic effects)

Product/ingredient name		
2-pentanone oxime		
Oral	DNEL (population)	0,125 mg/kg bw/day (Long-term - systemic effects)
		0,375 mg/kg bw/day (Short-term - systemic effects)
Dermal	DNEL (worker)	0,208 mg/kg bw/day (Long-term - systemic effects)
		0,624 mg/kg bw/day (Short-term - systemic effects)
	DNEL (population)	0,125 mg/kg bw/day (Long-term - systemic effects)
Inhalation	DNEL (worker)	24,9 mg/m³ (Acute - local effects)
		8,3 mg/m³ (Long-term - systemic effects)
	DNEL (population)	2,07 mg/m³ (Long-term - systemic effects)

PNECs

Product/ingredient name	
1-methoxy-2-propanol (PM)	
PNEC aqua	10 mg/l (fresh water)
	1 mg/l (marine water)
PNEC	100 mg/l (STP (sewage treatment plant))
	4,59 mg/kg dw (soil)
PNEC sediment	52,3 mg/kg dw (fresh water)
	5,2 mg/kg dw (marine water)

(CAS 64742-95-6, 64742-48-9, 64742-82-1) - Substance is a hydrocarbon with a complex, unknown or variable composition. Conventional methods of deriving. PNECs are not appropriate and it is not possible to identify a single representative PNEC for such substances.

8.2 Exposure controls / personal protection

Engineering measures

Refer to protective measures listed in sections 7.

Personal protective equipment:

Respiratory protection Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If working areas have insufficient ventilation: When the product is applied by means that will not generate an aerosol such as, brush or roller wear half or totally covering mask equipped with gas filter of type A, when grinding use particle filter of type P. Be sure to use approved/ certified respirator or equivalent.

Hand protection

If there is a potential for product skin contact, use of gloves tested to e.g. EN 374 will provide sufficient protection. Protective gloves should in any case be tested for workplace-specific suitability (e.g. mechanical resistance, product compatibility, antistatic properties).
Comply with instructions and information provided by the glove manufacturer concerning use, care and replacement of the gloves. Replace protective gloves immediately upon damage or at the first signs of wear. As far as possible, plan work procedures so that wearing gloves will not be necessary.

	Long term exposure	Short term exposure
Recommended gloves should be made of	Viton®	Nitril.
Material thickness	>0,7 mm	>0,4 mm
Permeation time	>480 min	>480 min

Eye protection

Safety goggles with lateral shielding (DIN EN 166)

Body protection

Usual working clothes for the chemical industry, suitable for the job.

Environmental exposure controls:
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
Physical state: Fluid **Colour:** Colorless or terra (tinted)

Odor: Characteristic

Odor threshold: Not relevant for the hazard classification of the product.

Security-relevant basic data

Parameter	
pH-value	Not applicable.
Melting point/Melting range	<-20 °C
Boiling point/Boiling range	145 – 205 °C
Flash point	~35-40 °C (IP 170 (ABEL))
Flammability (solid / gas)	Not applicable.
Ignition temperature	~240 ° C (lowest value of the individual components)
Decomposition temperature	Not determined.
Auto-ignition temperature	The product is not self-igniting.
Explosive properties	Product is not explosive. However, formation of explosive air/steam mixtures as possible.

Parameter	
Explosion limits Lower Upper Oxidizing properties	 0,6 %(Vol) 7 %(Vol) Not determined
Vapour pressure	0,21 kPa (20 °C)
Density	~0,88 g/cm³ (20 °C)
Vapor density	Not determined
Evaporation rate	No data available.
Solubility in Miscibility with water	Organic solvents (see point 3) ~ 0,015 g/l (Not miscible)
Partition coefficient: (n-octanol/water)	Testing not relevant or not possible due to nature of the product.
Viscosity (expiry time after DIN 53211) Dynamic: Kinematic:	 <60 s DIN 4mm (20°C)
Solvent separation test	< 3% (20°C)

9.2. Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity
General information: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability
General information: The product is stable.

10.3 Possibility of hazardous reactions
General information: Rubber and other synthetic material can be affected.

10.4 Conditions to avoid
General information: The product is flammable. Keep away from excessive heat, sparks or open fire.

10.5 Incompatible materials
General information: oxidising agents, acids

10.6 Hazardous decomposition products
General information: Thermal disintegration depends to a great extent on the external conditions. A complex mixture of solids, liquids and gases forms in the air, including among other substances carbon dioxide, carbon monoxide and other organic compounds, when this material is burnt or is thermally or oxidatively degraded.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product/ingredient name	Result	Species	Dose	Exposure
solvent naphtha (petroleum), light arom.	LC50 Inhalation Vapour	Rat	>6153 mg/m³	4 hours
	LD50 Dermal	Rabbit	>3160 mg/kg	-
	LD50 Oral	Rat	8400 mg/kg	-
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LC50 Inhalation Vapour	Rat	8000 mg/kg	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	LC50 Inhalation Vapour	Rat	13100 mg/l	4 hours
	LD50 Dermal	Rabbit	>3400 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
1-methoxy-2-propanol (PM)	LC50 Inhalation Vapour	Rat	10000 ppm	5 hours
	LD50 Dermal	Rabbit	13 g/kg	-
	LD50 Oral	Rat	6600 mg/kg	-
2-pentanone oxime	LD50 Oral	Rat	1133 mg/kg	-

Acute toxicity estimates

Route	ATE-Value
Oral	not rated
Dermal	not rated
Inhalation (vapors)	not rated

Corrosion/Irritation

Product/ingredient name	Result	Species	Score	Exposure
solvent naphtha (petroleum), light arom.	Eyes - Mild irritant	Rabbit	-	24 hours 100 milligrams
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	No irritant (according to EU directives).			
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	May cause mild eye irritation.			
1-methoxy-2-propanol (PM)	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams

Sensitiser
Remarks
Skin**:** No evidence of sensitizing effects.
Respiratory: May cause respiratory irritation.

Mutagenicity
Remarks: No evidence of mutagenic effects.

Carcinogenicity
Remarks: No evidence of carcinogenic effects.

Reproductive toxicity
Remarks: No evidence that the substance is toxic for reproduction.

Teratogenicity
Remarks: No evidence that the substance may cause birth defects.

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Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
solvent naphtha (petroleum), light arom.	Category 3	Not applicable.	Narcotic effects
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Category 3	Not applicable.	Narcotic effects
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Category 3	Not applicable.	Narcotic effects
1-methoxy-2-propanol (PM)	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Category 1	Not determined	Not determined
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Category 1	Inhalation	Central nervous system (CNS)

Aspiration hazard

Product/ingredient name	Result
solvent naphtha (petroleum), light arom.	ASPIRATION HAZARD - Category 1
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	ASPIRATION HAZARD - Category 1
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure
Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential chronic health effects
Remarks: Not available.

11.2 Endocrine disrupting properties
See Section 2 for details.

11.3 Other hazards
The product is flammable. Keep away from excessive heat, sparks or open fire. In use, may form flammable/explosive vapourair mixture. Electrostatic charges may be generated during pumping, release of which may cause a fire. The vapour/gas is heavier than air and will spread along the ground. Vapour may travel a considerable distance to source of ignition and flash back. Aspiration hazard if swallowed. Can enter lungs and cause damage.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
solvent naphtha (petroleum), light arom.	Acute EC50 3,2 mg/l	Daphnie - Daphnia magna	48 hours
	Acute EC50 19 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute LC50 9.22 mg/l	Fish - Oncorhynchus mykiss	96 hours
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Acute EC50 >1000 mg/l	Daphnie - Daphnia magna	48 hours
	Acute IC50 >1000 mg/l	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute LC50 >1000 mg/l	Fish - Oncorhynchus mykiss	96 hours

Product/ingredient name	Result	Species	Exposure
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	Acute EC50 10-22 mg/l Acute IC50 4,6-10 mg/l Acute LC50 10-30 mg/l Chronic NOEC 0,097 mg/l	Daphnie - Daphnia magna Algae - Pseudokirchneriella subcapitata Fish - Oncorhynchus mykiss Daphnie - Daphnia magna	48 hours 72 hours 96 hours 21 days
1-methoxy-2-propanol (PM)	Acute EC50 23300 mg/l Acute EC50 1000 mg/l Acute LC50 350 mg/l	Daphnie - Daphnia magna Algae - Pseudokirchneriella subcapitata Fish - Leuciscus idus	48 hours 168 hours 96 hours
2-pentanone oxime	Acute EC50 >100 mg/l Acute EC50 88 mg/l Acute LC50 >100 mg/l NOEC/48 h >100 mg/l	Daphnie - Daphnia magna Algae - Desmodesmus subspicatus Fish – Poecilia reticulata Daphnie - Daphnia magna	48 hours 72 hours 96 hours

12.2 Persistence and degradability

Product/ingredient name	Result
solvent naphtha (petroleum), light arom.	78 % - 28 days
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	80 % - 28 days
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	74,7 % - 28 days
1-methoxy-2-propanol (PM)	96 % - 28 days

Product/ingredient name	Result
2-pentanone oxime	9% - 28 days

Remarks: The mixture is, according to the desired resistance, not readily biodegradable.

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
solvent naphtha (petroleum), light arom.	3.7 bis 4.5	10 - 2500	high
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	5 bis 6.7	-	high
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	3.7 bis 6.7	10 - 2500	high
1-methoxy-2-propanol (PM)	<1	-	low
2-pentanone oxime	No data available.	No data available.	yes

12.4 Mobility in soil

Soil/water partition coefficient (KOC): Not available.

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.							

12.6 Endocrine disrupting properties

See Section 2 for details.

12.7 Other adverse effects
No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Residues of the product is listed as hazardous waste. Dispose of according to all state and local applicable regulations. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Spillage, remains, discarded clothes and similar should be discarded in a fireproof container.

European waste catalogue no. (EWC) is given below.
European waste catalogue (EWC): 08 01 11*

Packaging
The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

Transport may take place according to national regulation or ADR for transport by road, RID for transport by train, IMDG for transport by sea, IATA for transport by air.

	14.1 UN no.	14.2 Proper shipping name	14.3 Transport hazard class(es)		14.4 PG*	14.5 Env*	Additional information
ADR/RID Class	UN1263	PAINT	3		III	No.	**Tunnel code** (D/E)
IMDG Class	UN1263	PAINT	3		III	No.	**Emergency schedules** F-E, S-E
IATA Class	UN1263	Paint	3		III	No.	-

PG*.: Packing group Env.* : Environmental hazards

14.6 Special precautions for user
Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation

Regulation (EG) Nr. 1907/2006 (REACH)
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), with supplements.

Regulation (EG) Nr. 1272/2008 (CLP)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (CLP), with supplements.

EU Regulation (EC) No. 1907/2006 (REACH)
Annex XIV - List of substances subject to authorisation
Substances of very high concern

Substances mentioned on the so-called "candidate list of substances of very high concern (SVHC) for authorisation" published by the EChA are not intentionally added to this product. Therefore it is not expected, that these substances are present in amounts of ≥ 0,1% in this product.

National legislation (Germany)

Water hazard class: WGK 2 (Assessment by list): hazardous for water.

VOC: 415 g/l DIN ISO 11890 (Council Directive 1999/13/EC).

Information about limitation of use: Employment restrictions concerning young persons must be observed.

15.2 Chemical Safety Assessment
This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms:

Abbr.	Descriptions of used abbreviations
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
BCF	bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
IOELV	indicative occupational exposure limit value
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	short-term exposure limit
TWA	time-weighted average
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Bisdorf GmbH Lackfabrikation
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Telefon: 0 24 02 / 7 10 48
Fax: 0 24 02 / 7 54 65

Product name: KH-Einlassgrund
Date of printing: 12.11.2025

Full text of classifications [CLP/GHS]:
Aquatic Chronic 2, H411 LONG-TERM AQUATIC HAZARD - Category 2
Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1
Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 3, H226 FLAMMABLE LIQUIDS - Category 3
STOT RE 1, H372 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	**Justification**
Flam. Liq. 3, H226 STOT SE 3, H336	On basis of test data Calculation method

Notice to reader

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical preformance or suitability for particular applications. It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations.

hydrocarbons, C9-C11, n-alkanes, isoalkanes …

Annex: Exposure scenario 1

- ***SECTION 1: Title section***
- ***Short title of the exposure scenario*** *Formulation & (re)packing of substances and mixtures (Industrial)*
- ***Sector of Use*** *SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites*
- ***Process category***

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC5 Mixing or blending in batch processes
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC14 Tabletting, compression, extrusion, pelletisation, granulation
PROC15 Use as laboratory reagent

- ***Environmental release category*** *ERC2 Formulation into mixture*
- ***Description of the activities / processes covered in the Exposure Scenario***

Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage, materials transfers, mixing, tabletting, compression, pelletisation, extrusion, large and small scale packing, sampling, maintenance and associated laboratory activities.

- ***SECTION 2: Conditions of use affecting exposure***

The usual precautionary measures should be adhered to in handling the chemicals.
- ***Duration and frequency*** *8hrs (full working shift).*
- ***Worker***

Frequency of use:
5 workdays/week.
- ***Environment*** *No direct exposure.*
- ***Physical parameters***
- ***Physical state***

Fluid
Vapour pressure: < 0.5 kPa (20 °C)
- ***Concentration of the substance in the mixture*** *Covers use of substance / product up to 100%*
- ***Other operational conditions***

Assumes use at not more than 20°C above ambient temperature (unless stated differently).
Assumes a good basic standard of occupational hygiene is implemented.
- ***Other operational conditions affecting environmental exposure*** *No special measures required.*
- ***Other operational conditions affecting worker exposure***

Keep container tightly closed in a cool place.
Avoid contact with the skin and eyes.
- ***Other operational conditions affecting consumer exposure during the use of the product***

Not applicable.
- ***Risk management measures*** *Ensure that personal protective measures are used at all activities.*
- ***Worker protection***

Storage (PROC1 / PROC2):
Store substance within a closed system.
General exposures / Use (closed systems) PROC1 / PROC2 / PROC3:
Store / Handle product in closed systems.
Batch processes at elevated temperatures. Operation is carried out at elevated temperature (> 20°C above ambient temperature) PROC3:

Process sampling (PROC3):
General exposures / Use (open systems) PROC4:
Mixing operations (open systems) PROC5:
Bulk transfer (PROC8a / 8b):
Transfer from/pouring from containers (PROC8a,8b,9):
Material transfers Drum/Batch transfer (Non-dedicated facility) PROC8a:
Material transfers Drum/batch transfers (Non-dedicated facility) PROC8:
Material transfers Drum/batch transfers (dedicated facility) PROC8b:
Filling of drums and small containers (PROC 9):
Equipment cleaning and maintenance (PROC 8a, 8b):
Production or preparation or articles by tabletting, compression, extrusion or pelletisation (PROC14):
Laboratory activities (PROC15):
No other specific measures identified.
- ***Organisational protective measures***
Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.
The employer must ensure that the necessary personal protective devices are available and applied accordingly to the instructions.
- ***Technical protective measures*** *Ensure that suitable extractors are available on processing machines*
- ***Personal protective measures***
Detailed measures on hand protection according to Safety Data Sheet, section 8.
Do not inhale gases / fumes / aerosols.
Safety glasses
- ***Measures for consumer protection*** *Not relevant for this Exposure Scenario.*
- ***Environmental protection measures***
- ***Air***
Treatment of air emissions is not required for the purposes of REACH compliance but may be needed to comply with other environmental legislation.
- ***Water*** *Prevent discharge of undissolved substance to or recover from onsite wastewater.*
- ***Soil*** *No special measures required.*
- ***Notes*** *In case of unintended release of the product: See section 6 of the Safety Data Sheet.*
- ***Disposal measures***
External treatment and disposal of waste should comply with applicable local and/or national regulations.
External recovery and recycling of waste should comply with applicable local and/or national regulations.
- ***Waste type*** *Partially emptied and uncleaned packaging*
- ***Notes*** *Disposal must be made according to official regulations.*

- ***SECTION 3: Exposure estimation***
- ***Worker (oral)*** *No significant oral exposure.*
- ***Worker (dermal)*** *The calculated value is smaller than the DNEL.*
- ***Worker (inhalation)*** *The calculated value is smaller than the DNEL.*
- ***Environment***
As no environmental hazard was identified no environmental -related exposure assessment and risk characterization was performed.
- ***Consumer*** *Not relevant for this Exposure Scenario.*

- ***SECTION 4: Guidance for downstream users***
The exposure estimation was carried out in accordance with ECETOC TRA.
Version 3. http://www.ecetoc.org/tra
Predicted exposures are not expected to exceed the DN(M)EL when the Risk Management Measures/ Operational Conditions outlined in Section 2 are implemented. Where other Risk Management Measures/ Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.
Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures.

Annex to the extended Safety Data Sheet (eSDS)

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Product name: KH-Einlassgrund
Date of printing: 12.11.2025

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Annex: Exposure scenario 2

- ***SECTION 1: Title section***
- ***Short title of the exposure scenario*** *Uses in Coatings - Industrial*
- ***Sector of Use*** *SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites*
- ***Process category***

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC5 Mixing or blending in batch processes
PROC7 Industrial spraying
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC13 Treatment of articles by dipping and pouring
PROC15 Use as laboratory reagent

- ***Environmental release category***

ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

- ***Description of the activities / processes covered in the Exposure Scenario***

Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, spreader, dip, flow, fluidised bed on production lines and film formation) and equipment cleaning, maintenance and associated laboratory activities.

- ***SECTION 2: Conditions of use affecting exposure***

The usual precautionary measures should be adhered to in handling the chemicals.

- ***Duration and frequency*** *8hrs (full working shift).*
- ***Worker***

Frequency of use:
5 workdays/week.

- ***Environment*** *No exposure assessment presented for the environment.*
- ***Physical parameters***
- ***Physical state***

Fluid
Vapour pressure: < 0.5 kPa (20 °C)

- ***Concentration of the substance in the mixture*** *Covers use of substance / product up to 100%*
- ***Other operational conditions***

Assumes use at not more than 20°C above ambient temperature (unless stated differently).
Assumes a good basic standard of occupational hygiene is implemented.

- ***Other operational conditions affecting environmental exposure*** *No special measures required.*
- ***Other operational conditions affecting worker exposure***

Keep container tightly closed in a cool place.
Avoid contact with the skin and eyes.

- ***Other operational conditions affecting consumer exposure during the use of the product***

Not applicable.

- ***Risk management measures*** *Ensure that personal protective measures are used at all activities.*

- ***Worker protection***
Storage (PROC1 / PROC2):
Store substance within a closed system.
General exposures / Use (closed systems) PROC1 / PROC2 / PROC3:
Film formation - force drying, stoving and other technologies (closed systems).
Operation is carried out at elevated temperature (> 20°C above ambient temperature) PROC2:
*Mixing operations (closed systems) PROC**:***
Film formation - air drying Indoor (PROC4):
Preparation of material for application (PROC5):
Spraying (automatic/robotic) PROC7:
Spraying (PROC 7 (manuell)):
Material transfers Drum/Batch transfer (Non-dedicated facility) PROC8a:
Filling / preparation of equipment from drums or containers. Dedicated facility (PROC8b):
Transfer from/pouring from containers (PROC8a,8b,9):
Equipment cleaning and maintenance (PROC 8a, 8b):
Roller, spreader, flow application Indoor (PROC 10):
Roller, spreader, flow application Outdoor (PROC 10):
Treatment by dipping and pouring (PROC13):
Laboratory activities (PROC15):
No other specific measures identified.
- ***Organisational protective measures***
Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.
The employer must ensure that the necessary personal protective devices are available and applied accordingly to the instructions.
- ***Technical protective measures*** *Ensure that suitable extractors are available on processing machines*
- ***Personal protective measures***
Detailed measures on hand protection according to Safety Data Sheet, section 8.
Do not inhale gases / fumes / aerosols.
Safety glasses
- ***Measures for consumer protection*** *Not relevant for this Exposure Scenario.*
- ***Environmental protection measures***
- ***Air***
Treatment of air emissions is not required for the purposes of REACH compliance but may be needed to comply with other environmental legislation.
- ***Water*** *Prevent discharge of undissolved substance to or recover from onsite wastewater.*
- ***Soil*** *No special measures required.*
- ***Notes*** *In case of unintended release of the product: See section 6 of the Safety Data Sheet.*
- ***Disposal measures***
External treatment and disposal of waste should comply with applicable local and/or national regulations.
External recovery and recycling of waste should comply with applicable local and/or national regulations.
- ***Waste type*** *Partially emptied and uncleaned packaging*
- ***Notes*** *Disposal must be made according to official regulations.*

- ***SECTION 3: Exposure estimation***
- ***Worker (oral)*** *No significant oral exposure.*
- ***Worker (dermal)*** *The calculated value is smaller than the DNEL.*
- ***Worker (inhalation)*** *The calculated value is smaller than the DNEL.*
- ***Environment***
As no environmental hazard was identified no environmental -related exposure assessment and risk characterization was performed.
- ***Consumer*** *Not relevant for this Exposure Scenario.*

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- ***SECTION 4: Guidance for downstream users***

The exposure estimation was carried out in accordance with ECETOC TRA.
Version 3. http://www.ecetoc.org/tra
Predicted exposures are not expected to exceed the DN(M)EL when the Risk Management Measures/ Operational Conditions outlined in Section 2 are implemented. Where other Risk Management Measures/ Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.
Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures.

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Annex: Exposure scenario 3

SECTION 1: Title section
- ***Short title of the exposure scenario*** *Uses in Coatings - Professional*
- ***Sector of Use***
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- ***Process category***
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC5 Mixing or blending in batch processes
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring
PROC15 Use as laboratory reagent
PROC19 Manual activities involving hand contact
- ***Environmental release category***
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
- ***Description of the activities / processes covered in the Exposure Scenario***
Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, spreader, dip, flow, fluidised bed on production lines and film formation) and equipment cleaning, maintenance and associated laboratory activities.

- ***SECTION 2: Conditions of use affecting exposure***
The usual precautionary measures should be adhered to in handling the chemicals.
- ***Duration and frequency*** *8hrs (full working shift).*
- ***Worker***
Frequency of use:
5 workdays/week.
- ***Environment*** *No exposure assessment presented for the environment.*
- ***Physical parameters***
- ***Physical state***
Fluid
Vapour pressure: < 0.5 kPa (20 °C)
- ***Concentration of the substance in the mixture*** *Covers use of substance / product up to 100%*
- ***Other operational conditions***
Assumes use at not more than 20°C above ambient temperature (unless stated differently).
Assumes a good basic standard of occupational hygiene is implemented.
- ***Other operational conditions affecting environmental exposure*** *No special measures required.*
- ***Other operational conditions affecting worker exposure***
Keep container tightly closed in a cool place.
Avoid contact with the skin and eyes.
- ***Other operational conditions affecting consumer exposure during the use of the product***
Not applicable.
- ***Risk management measures*** *Ensure that personal protective measures are used at all activities.*

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- ***Worker protection***
Storage (PROC1 / PROC2):
Store substance within a closed system.
General exposures / Use (closed systems) PROC1 / PROC2 / PROC3:
Filling / preparation of equipment from drums or containers (Use in closed systems) PROC2:
Preparation of material for application. Use in contained batch (PROC3):
Film formation - air drying Indoor (PROC4):
Film formation - air drying Outdoors (PROC 4):
Preparation of material for application (PROC5):
Preparation of material for application Outdoor (PROC 5):
Material transfers Drum/Batch transfer (Non-dedicated facility) PROC8a:
Filling / preparation of equipment from drums or containers. Dedicated facility (PROC8b:
Apply by Rolling or Brushing (PROC10):
Spraying Manual (PROC 11):
Treatment by dipping and pouring (PROC13):
Laboratory activities (PROC15):
Hand application - fingerpaints, pastels, adhesives. PROC19:
No other specific measures identified.
- ***Organisational protective measures***
Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.
The employer must ensure that the necessary personal protective devices are available and applied accordingly to the instructions.
- ***Technical protective measures*** *Ensure that suitable extractors are available on processing machines*
- ***Personal protective measures***
Detailed measures on hand protection according to Safety Data Sheet, section 8.
Do not inhale gases / fumes / aerosols.
Safety glasses
- ***Measures for consumer protection*** *Not relevant for this Exposure Scenario.*
- ***Environmental protection measures***
- ***Air***
Treatment of air emissions is not required for the purposes of REACH compliance but may be needed to comply with other environmental legislation.
- ***Water*** *Prevent discharge of undissolved substance to or recover from onsite wastewater.*
- ***Soil*** *No special measures required.*
- ***Notes*** *In case of unintended release of the product: See section 6 of the Safety Data Sheet.*
- ***Disposal measures***
External treatment and disposal of waste should comply with applicable local and/or national regulations.
External recovery and recycling of waste should comply with applicable local and/or national regulations.
- ***Waste type*** *Partially emptied and uncleaned packaging*
- ***Notes*** *Disposal must be made according to official regulations.*

- ***SECTION 3: Exposure estimation***
- ***Worker (oral)*** *No significant oral exposure.*
- ***Worker (dermal)*** *The calculated value is smaller than the DNEL.*
- ***Worker (inhalation)*** *The calculated value is smaller than the DNEL.*
- ***Environment***
As no environmental hazard was identified no environmental -related exposure assessment and risk characterization was performed.
- ***Consumer*** *Not relevant for this Exposure Scenario.*

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- ***SECTION 4: Guidance for downstream users***

The exposure estimation was carried out in accordance with ECETOC TRA.
Version 3. http://www.ecetoc.org/tra
Predicted exposures are not expected to exceed the DN(M)EL when the Risk Management Measures/ Operational Conditions outlined in Section 2 are implemented. Where other Risk Management Measures/ Operational Conditions are adopted, then users should ensure that risks are managed to at least equivalent levels.
Guidance is based on assumed operating conditions which may not be applicable to all sites; thus, scaling may be necessary to define appropriate site-specific risk management measures.