

Randers Kemiske Industri

Safety data sheet

Prepared 21-05-2012
Revision: (date) 10-10-2024
SDS version 2.0

ITEM 1: Identification of the substance/mixture and of the company/company

1.1. Product identifier

Trade name: Steel care
Product no.: 1025,500
UFI: HNPA-5V0P-T204-RWR3

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

Recommended uses:

For steel care.

Uses advised against:

May only be used as described above, other uses must be made in consultation with the supplier.

1.3. Details of the supplier of the safety data sheet **Company name and address:**

Randers Chemical Industry A/S
Kristrupvej 158
DK-8960 Randers SØ
Tel.: 86 41 10 22
Fax. 86 41 11 45
www.rkimiljo.dk

Contact person and email:

post@rkimiljo.dk

The safety data sheet has been prepared and validated by:

Mediator ApS, Centervej 2, 6000 Kolding, Consultant: DH

1.4. Emergency

telephone line: +45 82 12 12 12

ITEM 2: Hazard identification

2.1. Classification of the substance or mixture CLP

(1272/2008):

Asp. Tox. 1; H304

Wording of H-phrases - see below in point 16.

2.2. Marking elements



Signal word:

Danger

Can be fatal if ingested and enters the airways. (H304)

Repeated contact may cause dry or cracked skin. (EUH 066)

IF SWALLOWED: Call a POISON CENTER/doctor immediately. DO NOT induce vomiting. (P301 + P310 + P331)

Stored under lock and key. (P405)

2.3. Other dangers

-

Other marking:

-

Other

The product does not meet the criteria for PBT or vPvB.



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SECTION 3: Composition of/information on ingredients

3.1/3.2. Substances / Mixtures

Ingredient	Index no. / REACH Reg. no. - / -	CAS no.	EC no.	CLP classification	wt/wt %	Note
Alkanes, C12-26- branched and straight chained		93924-07-3	300-199-7	Asp. Tox. 1;H304, EUH066	75 - 85 -	

Wording of H-phrases - see below in point 16.

SECTION 4: First aid measures

4.1. Description of first aid measures *Inhalation:*

Seek fresh air.

Keep the casualty under supervision.

Seek medical attention in case of discomfort.

Intake:

Rinse your mouth thoroughly and drink 1-2 glasses of water in small sips.

Do not induce vomiting.

If vomiting occurs, keep the head low enough to prevent stomach contents from entering the lungs.

Seek medical attention immediately.

Skin contact:

Remove contaminated clothing.

Wash the skin long and thoroughly with water.

Seek medical attention in case of discomfort.

Eye contact:

Rinse immediately with water (preferably from an eyewash) for at least 5 min. Play the eye well. Remove any contact lenses. Seek a doctor.

Other information:

When consulting a doctor, bring the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed May cause

chemical pneumonia if swallowed or vomited.

Symptoms of chemical pneumonia can appear after several hours. People who have consumed the product should therefore be kept under medical supervision for at least 48 hours.

4.3. Indication of immediate medical attention and special treatment needed Show this safety data sheet to doctor or emergency department.

SECTION 5: Fire fighting

5.1. Extinguishing media

Extinguish with powder, foam, carbonic acid or water mist.

Do not use a water jet as this can spread the fire.

5.2. Special hazards associated with the substance or mixture Avoid

inhalation of vapors and fumes - seek fresh air.

In case of fire, the product splits and dangerous gases such as CO_x, SO_x can be formed.

In case of fire, thick black smoke will be produced.

Exposure to decomposition products can cause health damage.

5.3. Instructions for firefighters If there is a

risk of exposure to vapors and flue gases, air-supplied respiratory protection must be worn.

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SECTION 6: Precautions against accidental release

6.1. Personal safety measures, personal protective equipment and emergency procedures Use personal protective equipment - see section 8.
Avoid inhalation.

6.2. Environmental protection measures
Avoid unnecessary release to the environment.

6.3. Methods and equipment for containment and cleaning Spills are contained and collected with sand or other absorbent material and transferred to suitable waste containers.

6.4. Reference to other points See point 8 for type of protective equipment.
See point 13 for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling See under point 8 for information on precautions for use and personal protective equipment.
The product should be used in well-ventilated conditions.

7.2. Conditions for safe storage, including any incompatibility The product must be stored securely, out of the reach of children and not together with food, feed, medicines etc.
Should be stored in tightly closed original packaging.
Store cool but frost-free.

7.3. Special uses See use section 1.

SECTION 8: Exposure controls/personal protective equipment

8.1. Control parameters
Limit values according to executive order no. 291 of 19/03/2024 on limit values for substances and materials (chemical agents) in the working environment:
-

DNEL/PNEC values:
No data.

8.2. Exposure controls There is no exposure scenario for this product.

Appropriate exposure control measures:
Use protective equipment as indicated below.
Wash hands before breaks, toilet visits and after finishing work.
Do not eat, drink or smoke while using this product.

Personal protective equipment:



Respiratory protection:
Use respirator with A2/P2 filter in case of insufficient ventilation.

Protection of hands:
Recommended:
Use protective nitrile rubber gloves (>0.11 mm). Protective gloves must comply with EN 374.
Penetration time: > 480 min (Class 6)

Eye/ face protection:
Use protective glasses if there is a risk of splashing in the eyes.

Protection of skin:
Special work clothes should be used.

Measures to limit environmental exposure:
It must be ensured that local regulations for discharge are observed.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties Physical form Color: Odor:

Melting point/	Liquid
Freezing	Light yellow
point	Odorless
(°C): Boiling point or initial boiling point	-
and boiling range (°C): Flammability: Lower and upper explosion limit (vol-%): Flash point	-
(°C): Autoignition	-
temperature (°C): Decomposition temperature (°C): pH:	-
Kinematic viscosity	> 100
(mm ² /s): Solubility: Partition coefficient n-	-
octanol/water (log value): Vapor	-
	7
pressure: Density and/or relative density:	-
Relative vapor	Not soluble in water
density: Particle properties:	-
	0.85
	-
	-

9.2. Other information

No.

SECTION 10: Stability and reactivity

10.1. Reactivity No

data.

10.2. Chemical stability The

product is stable when used according to the supplier's instructions.

10.3. Risk of dangerous reactions

None known.

10.4. Conditions to avoid Avoid

heating and contact with sources of ignition.

10.5. Materials to avoid

Avoid contact with strong bases.

Avoid contact with strong oxidizing agents.

Avoid contact with strong reducing agents.

Avoid contact with strong acids.

10.6. Hazardous decomposition

products None under recommended storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) no. 1272/2008

Acute toxicity:

The database does not give rise to classification.

Substance	Exposure route Art	Testing	Result
No data.	-	-	-

Skin corrosion/irritation:

May be irritating to the skin - may cause redness.

Repeated contact may cause dry or cracked skin.

Serious eye damage/eye irritation:

May cause eye irritation.

Respiratory sensitization or skin sensitization:

The database does not give rise to classification.

Germ cell mutagenicity:

The database does not give rise to classification.



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Carcinogenicity:

The database does not give rise to classification.

Reproductive toxicity:

The database does not give rise to classification.

Single STOT exposure:

The database does not give rise to classification.

Repeated STOT exposures:

The database does not give rise to classification.

Aspiration hazard:

May cause chemical pneumonia if swallowed or vomited.

Symptoms of chemical pneumonia can appear after several hours. People who have consumed the product should therefore be kept under medical supervision for at least 48 hours.

11.2. Information on other hazards

Test data not available.

SECTION 12: Environmental information**12.1. Toxicity**

Substance	Duration of the test	Art	Testing	Result
No data.	-	-	-	-

12.2. Persistence and degradability

Substance	Degradability in the aquatic environment	Testing	Result
No data.	-	-	-

12.3. Bioaccumulative potential

Substance	Potentially bioaccumulative	LogPow
No data.	-	-

12.4. Mobility in soil

Test data not available.

12.5. Results of PBT and vPvB assessment

The product does not meet the criteria for PBT or vPvB.

12.6. Hormone-disrupting properties

Test data not available.

12.7. Other adverse effects

None.

SECTION 13: Disposal**13.1. Methods for waste treatment**

The product is covered by the regulations on hazardous waste.

Spills and waste are collected in closed and tight containers, which are disposed of via the municipal waste scheme for hazardous waste with the specifications below.

EAK code	Description	Chemical waste group
14 06 03	Other solvents and solvent mixtures	H

Special marking:

-

Contaminated packaging:

Empty packaging and residues must be handed over to the municipal waste scheme for hazardous waste.



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SECTION 14: Transport information

The product is not covered by the regulations on the transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 - 14.4.**ADR**

-

IMDG/IATA

-

14.5. Environmental hazards

-

14.6. Special precautions for the user

-

14.7. Bulk transport by sea according to IMO instruments

Not relevant.

SECTION 15: Information on regulation

15.1. Special regulations/specific legislation for the substance or mixture with regard to safety, health and the environment**Sources:**

The Norwegian Working Environment Authority's order no. 301 of 13 May 1993 on determining code numbers, with later amendments.

Order on work with substances and materials (chemical agents) - BEK no. 381 of 12/04/2023, with subsequent amendments.

The Norwegian Working Environment Authority's order no. 1049 of 30 May 2021 on youth work, with later amendments.

Executive order no. 1369 of 25 November 2015 on marketing and labeling of volatile organic compounds in certain paints and varnishes as well as products for car refinishing.

Executive order no. 1565 of 19 December 2022 on the import and sale of highly toxic and toxic substances and mixtures, etc., on the storage and reporting of theft of certain substances and mixtures and on the prohibition of misleading statements when marketing substances and mixtures.

Executive order no. 6 of 4 January 2023 of the Chemicals Act.

Executive order no. 1794 of 18/12/2015 on special duties for manufacturers, suppliers and importers etc. of substances and materials under the Act on the Working Environment, with subsequent amendments.

Executive order no. 291 of 19/03/2024 on limit values for substances and materials (chemical agents) in the working environment, with subsequent amendments.

Executive order no. 573 of 23/05/2024 on waste, with later amendments.

Other marking:

PR number: 2401247

Limitations of use:

Young people under the age of 18 may not professionally use or be exposed to the product. However, young people over the age of 15 are exempt from this rule if the product is included as a necessary part of an education. (cf., however, the Norwegian Working Environment Authority's Executive Order on youth work).

During a workplace assessment, it must be ensured that employees are not exposed to influences that could entail a risk during pregnancy or breastfeeding (cf. BEK no. 1839 of 14/12/2023 on the performance of the work).

Requirements for special education:

-

15.2. Chemical Safety Assessment

No.

SECTION 16: Other information

Prepared on the basis of EU regulation 1907/2006 (REACH)

Other information:**Sources:**

EU regulation no. 1907/2006 (REACH), with later adaptations.

EU regulation no. 1272/2008 (CLP), with later adaptations.

Directive 2008/98/EC

ECHA – The European Chemicals Agency.

The full wording of H sentences referred to in points 2+3:

H304 May be fatal if swallowed and enters airways.

EUH 066 Repeated contact may cause dry or cracked skin.



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Classification according to Regulation (EC) no. 1272/2008: Asp. Tox.
1;H304 Calculation method

Abbreviations and acronyms used in the safety data sheet: REACH:

Registration, assessment and approval of and restrictions on chemicals. Regulation (EC) no. 1907/2006.

CLP: Regulation (EC) No. 1272/2008 on classification, labeling and packaging.

CAS No.: Chemical Abstracts Service number.

EC no.: EINECS and ELINCS number (see also EINECS and ELINCS).

DNEL: Derived No-Effect Level (Derived No-Effect Level).

PNEC: Predicted No Effect Concentration (Predicted No Effect Concentration).

STOT: Specific Target Organ Toxicity (Specific Target Organ Toxicity).

LD50: Lethal Dose for 50% of a test population.

LC50: Lethal concentration for 50% of a test population.

EC50: The effective substance concentration that causes 50% of the maximum response.

PBT: Persistent, Bioaccumulative and Toxic substance (Persistent, Bioaccumulative and Toxic). vPvB: Very persistent and very bioaccumulative (Very Persistent and Very Bioaccumulative).

NOEC: The highest tested concentration where, in a study, no statistically significant effect is observed in the exposed population compared to an appropriate control group (No Observed Effect Concentration).

NOAEL: The highest tested dose or the highest tested exposure level at which no statistically significant increases in the frequency or severity of adverse effects occur between the exposed population and an appropriate control group. Some effects may occur at this level, but they are not considered harmful or precursors of harmful effects.

Other:

The information in this safety data sheet only applies to the product mentioned in point 1 and is not necessarily valid when used together with other products.

Changes have been made to the following points: General
update.

This safety data sheet replaces version: 1.9