

SAFETY DATA SHEET
RIM CLEANER CONCENTRATE

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Compilation date: 24-06-2015

Revision No: 1

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

1.1. Product identifier

Product name: RIM CLEANER CONCENTRATE

Product code: 4092-4093

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

Use of substance / mixture: PC35: Washing and cleaning products (including solvent based products).

1.3. Details of the supplier of the safety data sheet

Company name: ProPart International B.V.

Molenakker 3

Reuver

5953 TW

The Netherlands

Tel: +31 (0) 77 476 2368

Fax: +31 (0) 77 476 2424

Email: info@propart-international.com

1.4. Emergency telephone number

Emergency tel: +31 (0) 77 476 2368 (08.30-17.00)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Skin Corr. 1A: H314; Acute Tox. 4: H312

Most important adverse effects: Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage.

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark



Precautionary statements: P501: Dispose of contents/container to an approved waste disposal according to

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local/regional/national/international regulations.

P102: Keep out of reach of children.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/.

P405: Store locked up.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SULPHURIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-639-5	7664-93-9	-	Skin Corr. 1A: H314	15.000%

AMMONIUM BIFLUORIDE

215-676-4	1341-49-7	-	Acute Tox. 3: H301; Skin Corr. 1B: H314	3.000%
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ALCOHOL C9-11, ETHOXYLATED

-	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	3.000%
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PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	3.000%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Rinse skin with water / shower. Call a poison control center or doctor immediately.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses. Call a poison control center or doctor immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting. Call a poison control center or doctor immediately. Never give anything by mouth to an unconscious person.

Inhalation: In normal conditions is not considered to present a serious risk for breathing. Move to fresh air in case of accidental inhalation of vapours. Let rest in a position comfortable for breathing. In case of complaints consult doctor.

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

Skin contact: Causes severe burns and eye damage. Redness and pain.

Eye contact: Serious eye damage, category 1, implicit. There may be pain and redness. The eyes may water profusely. The vision may become blurred. Burning feeling.

Ingestion: Swallowing a small quantity of this product poses a serious risk to health. May cause burns or irritation of the mouth, throat and digestive tract.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: In case of accident or if you feel unwell, seek medical attention immediately.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Water fog. Sand. Do not use water jet. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Fire hazard: not flammable.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Collect extinguishing water to prevent it from draining into the sewer system.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Spills on hard surface can present a serious slipping / falling hazard. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Remains flush with plenty of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

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7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space.
Avoid the formation or spread of mists in the air. Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Protect from freezing. Do not store together with strong alkalis. Do not store together with strong acids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

SULPHURIC ACID...100%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	0.05 mg/m ³	-	-	-

AMMONIUM BIFLUORIDE

UK	2.5 mg/m ³	-	-	-
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PROPAN-2-OL

UK	999 mg/m ³	1250 mg/m ³	-	-
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DNEL/PNEC Values

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Type	Exposure	Value	Population	Effect
-	CAS 7664-93-3	-	-	-
DNEL	Inhalation	0,1 mg/m ³	Workers	Local
PNEC	Fresh water	0,0025 mg/l	-	-
PNEC	Marine water	0,00025 mg/l	-	-
PNEC	Fresh water sediments	0,002 mg/kg dw	-	-
PNEC	Marine sediments	0,002 mg/kg dw	-	-
-	CAS 1341-49-7	-	-	-
DNEL	Inhalation	2,3 mg/m ³	Workers	Systemic

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-	CAS 67-63-0	-	-	-
DNEL	Dermal	888 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	500 mg/m3	Workers	Systemic
DNEL	Oral	26 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation	89 mg/m3	General Population	Systemic
DNEL	Dermal	319 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	140,9 mg/l	-	-
PNEC	Marine water	140,9 mg/l	-	-
PNEC	Fresh water sediments	552 mg/kg dw	-	-
PNEC	Marine sediments	552 mg/kg dw	-	-
PNEC	Soil	28 mg/kg dw	-	-

8.2. Exposure controls

Engineering measures: The information in this section applies to the undiluted product. Ensure there is sufficient ventilation of the area. The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Respiratory protection is not necessary if good ventilation.

Hand protection: Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Neoprene gloves. Rubber gloves. The exact break through time has to be found out by the glove manufacturer; observed.

Eye protection: Ensure eye bath is to hand. Wear eye / face protection. Chemical goggles or safety glasses, EN 166.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Green

Odour: Perfumed.

Solubility in water: Soluble

Viscosity: <50 mPa.s (20°C)

Flash point°C: >60

pH: 2,3 (20°C)

9.2. Other information

Other information: Density: 1,11 g/cm3 (20°C).

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid: Strong Alkalies. Sodium hypochlorite solution.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. By thermal decomposition is released: corrosive vapors.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SULPHURIC ACID...100%

ORL	RAT	LD50	2140	mg/kg
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PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	DRM ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Causes severe burns and eye damage. Redness and pain.

Eye contact: Serious eye damage, category 1, implicit. There may be pain and redness. The eyes may water profusely. The vision may become blurred. Burning feeling.

Ingestion: Swallowing a small quantity of this product poses a serious risk to health. May cause burns or irritation of the mouth, throat and digestive tract.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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Delayed / immediate effects: In case of accident or if you feel unwell, seek medical attention immediately.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
CAS 7664-93-3	-	-	-
FISH	96H LC50	29	mg/l
DAPHNIA	48H EC50	>100	mg/l
ALGAE	72H EC50	>100	mg/l
CAS 67-63-0	-	-	-
FISH	96H LC50	4200-9640	mg/l
DAPHNIA	24H EC50	>1000	-
Scenedesmus Subspicatus	72H EC50	>1000	mg/l
ALGAE	72H IC50	13299	mg/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Avoid release to the environment. Waterbezwaarlijkheid (NL) 11: Weinig schadelijk voor in water levende organismen. Sanitizing effort B - minimize discharge; application of best practicable techniques.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. The classification of the product may meet the criteria for a hazardous waste.

Disposal of packaging: Uncleaned packagings: recommendation: Disposal according to official regulations. Packagings empty completely before removing them. Recycling is preferable to disposal or incineration. Residue flush with large amounts of water.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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Section 14: Transport information

14.1. UN number

UN number: UN3264

14.2. UN proper shipping name

Shipping name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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