

SAFETY DATA SHEET

RINSE FREE FLOOR STRIPPER

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name RINSE FREE FLOOR STRIPPER
Product No. FLRSTRIPULT

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

Identified uses Removing old polish from floors.

1.3. Details of the supplier of the safety data sheet

Supplier: Kitchenmaster NI Ltd
 11 Comber Road
 Belfast
 BT8 8AN
 Tel. 028 90814777
 Fax. 028 90812881
 email: sds@kitchenmaster-ni.com

1.4. Emergency telephone number

028 9081 4777
 08:30 - 17:00 Monday to Thursday
 08:30 - 16:30 Friday

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36/37/38.

Human Health

Irritating to eyes, respiratory system and skin.

2.2. Label elements

Labelling



Irritant

Risk Phrases

R36/37/38

Irritating to eyes, respiratory system and skin.

Safety Phrases

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37

Wear suitable gloves.

S51

Use only in well-ventilated areas.

S60

This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RINSE FREE FLOOR STRIPPER

2-AMINOETHANOL	5-10%
CAS-No.: 141-43-5	EC No.: 205-483-3
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 STOT Single 3 - H335	Classification (67/548/EEC) C;R34 Xn;R20/21/22
2-BUTOXYETHANOL	10-30%
CAS-No.: 111-76-2	EC No.: 203-905-0
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38
PROPAN-2-OL	5-10%
CAS-No.: 67-63-0	EC No.: 200-661-7
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT Single 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention.

Skin Contact

Remove victim immediately from source of exposure. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

Eye Contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation.

Spray mists may cause respiratory tract irritation.

Ingestion

May cause discomfort if swallowed. May cause nausea, headache, dizziness and intoxication.

Skin Contact

Skin irritation.

Eye Contact

Irritation of eyes and mucous membranes.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

RINSE FREE FLOOR STRIPPER

Extinguishing Media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products

During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific Hazards

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective Measures In Fire

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-AMINOETHANOL	WEL	1 ppm	2,5 mg/m ³	3 ppm	7,6 mg/m ³	Sk
2-BUTOXYETHANOL	WEL	25 ppm		50 ppm		Sk
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

8.2. Exposure controls

Protective Equipment



Engineering Measures

Provide adequate ventilation.

RINSE FREE FLOOR STRIPPER

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear approved safety goggles.

Hygiene Measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous Clear liquid
Colour	Colourless
Odour	Characteristic
Relative Density	0.98 - 0.99
pH-Value, Conc. Solution	10.5 - 11.5

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Acids.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Acids.

10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Irritating to respiratory system.

Ingestion.

May cause discomfort if swallowed. May cause nausea, headache, dizziness and intoxication.

Skin Contact

Irritating to skin.

Eye Contact

Irritating to eyes.

Name	PROPAN-2-OL
Toxic Dose 1 - LD 50	4396 - 5500 mg/kg (oral rat)
Toxic Dose 2 - LD 50	12800 mg/kg (der-rbt)
Toxic Conc. - LC 50	72.6 mg/l/4h (inh-rat)
Name	2-BUTOXYETHANOL
Toxic Dose 1 - LD 50	530 - 3000 mg/kg (oral rat)
Toxic Dose 2 - LD 50	1000 - 2005 mg/kg (oral-mouse)
Toxic Conc. - LC 50	2.21 - 2.30 mg/l/4h (inh-rat)

RINSE FREE FLOOR STRIPPER

Name	2-AMINOETHANOL
Toxic Dose 1 - LD 50	1720 mg/kg (oral rat)
Toxic Dose 2 - LD 50	1015 mg/kg (der-rbt)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability:

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not applicable.

Name	PROPAN-2-OL
LC 50, 96 Hrs, Fish mg/l	4200 - 11130
EC 50, 48 Hrs, Daphnia, mg/l	13299
IC 50, 72 Hrs, Algae, mg/l	> 1000
Name	2-BUTOXYETHANOL
LC 50, 96 Hrs, Fish mg/l	1250 - 1490
EC 50, 48 Hrs, Daphnia, mg/l	1698 - 1940
Name	2-AMINOETHANOL
LC 50, 96 Hrs, Fish mg/l	227
EC 50, 48 Hrs, Daphnia, mg/l	65
IC 50, 72 Hrs, Algae, mg/l	15

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2 UN Proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

RINSE FREE FLOOR STRIPPER

14.6. Special precautions for user

Not applicable.

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 05-2011

Risk Phrases In Full

R34	Causes burns.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R67	Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.