

SAFETY DATA SHEET

STAR RUST CONVERTER
PRODUCT CODE: 00910004

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Compilation date: 03.07.01

Revision date: 10.04.19

Revision No: 13

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

1.1. Product identifier

Product name: STAR RUST CONVERTER

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Star International

Star House, Turbine Road

Turbine Business Park

Birkenhead, Merseyside

CH41 9BA

United Kingdom

Tel: +44 (0) 1244 504 500

Email: enquiries@star-international.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1244 504 500 (Mon - Fri 08.00 - 16.30)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Eye Irrit. 2: H319

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

P260: Do not breathe vapours.

P264: Wash hands thoroughly after handling.

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P280: Wear protective gloves.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

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:

TANNIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
215-753-2	1401-55-4	-	Aquatic Chronic 3: H412	1-10%

2-METHYLPENTANE-2,4-DIOL

203-489-0	107-41-5	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash off skin thoroughly with soap and water. If symptoms develop, seek medical advice. Wash clothing and shoes thoroughly before reuse.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Wash out mouth with water. Do not induce vomiting. If patient feels unwell seek medical attention

Inhalation: Vapours may be irritating to nose, throat and upper respiratory tract, depending upon severity of exposures. Get medical attention if any discomfort continues.

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

Skin contact: There may be irritation and redness at the site of contact. Rinse off with water.

Eye contact: Prolonged contact of the liquid or mists may prove irritating to the eyes. If discomfort persists obtain medical attention.

Ingestion: The swallowing of small amounts is unlikely to have adverse effects. Ingestion of large amounts may cause irritation, nausea, stomach pain and vomiting.

Inhalation: Vapours and mists may prove irritating to the nose, throat, and mucous membranes.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

[cont...]

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Harmful vapours may be evolved

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment including rubber gloves, rubber boots. In any event, always wear eye protection.

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: Neutralise residues. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Wear suitable protective clothing

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

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Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25ppm (2but/ethanol)	-	-	-

Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	123 mg/m3	123 mg/m3	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Also soluble in: Miscible with lower alcohols

Viscosity: Viscous

Boiling point/range°C: No data available.

Melting point/range°C: 0

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >85

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 1.23

pH: <2.5

VOC g/l: Not applicable.

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9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Harmful vapours may be evolved.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

2-METHYLPENTANE-2,4-DIOL

IPR	RAT	LDLO	1500	mg/kg
ORL	MUS	LD50	3097	mg/kg
ORL	RAT	LD50	3700	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Rinse off with water.

Eye contact: Prolonged contact of the liquid or mists may prove irritating to the eyes. If discomfort persists obtain medical attention.

Ingestion: The swallowing of small amounts is unlikely to have adverse effects. Ingestion of large amounts may cause irritation, nausea, stomach pain and vomiting.

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Inhalation: Vapours and mists may prove irritating to the nose, throat, and mucous membranes.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 20 01 28

Disposal of packaging: Dispose of as normal industrial waste.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Control of Substances Hazardous to Health Regulations 2002 (COSHH).
For use only by suitably trained individuals.

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.

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Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

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

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Not classified as hazardous for transport and supply

Danish HSE Code Number 1-1

Phrases used in s.2 and s.3: H315: Causes skin irritation.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

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.