

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product identifier

**Trade name:** Example

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

**Product use:** Wax based rust protection agent.

**Uses advised against:** Not relevant.

### 1.3 Details of the Supplier of the safety data sheet

**Company:** Example

**Contact:** example

### 1.4 Emergency Telephone Number:

These services are only available to health professionals.

The UK National Poisons Emergency number is 0870 600 6266 (Outside the UK: +44 870 600 6266)

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture to EC 67/548 and EC 1999/45.

R10, Xn; R65, R66.

### Classification of the substance or mixture to 1272/2008 CLP.

Flam. Liq. 3 - H226.

Asp. Tox. 1 – H304.

EUH066.

### 2.2 Label Elements 1272/2008 CLP:

#### Hazard pictograms:



#### Signal word:

Danger

**Contains:** Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%

#### Hazard statements:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

### Precautionary statements:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed.

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

Response:

P301+310+331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Storage:

-

Disposal:

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### Additional labelling:

EUH066 Repeated exposure may cause skin dryness or cracking.

### VOC:

VOC-content: 321.9 g/l.

VOC EU limit value for this product (cat. e): 840 g/l.

### 2.3 Other Hazards

This product contains an organic solvent. Repeated exposure to organic solvents can result in damage to the nervous system and inner organs, such as the liver and kidneys.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1/2 Substance/Mixture

CAS/EC-nr.	Index-nr	Name	Content %	Classification
64742-48-9/ 265-150-3	-	Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%*	40-50	R10, Xn; R65, R66. Flam. Liq. 3; H226, Asp. Tox. 1; H304, EUH066.

### 3.3 Additional information:

See full text of H-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

\*Organic solvent.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

#### Inhalation:

Get the person into fresh air and stay with them. If eye irritation persists:  
Get medical advice/attention.

#### Skin contact:

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:** Remove contact lenses. Flush eyes with plenty of water (20-30 °C) for several minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Do not induce vomiting. Rinse mouth with 1-2 glasses of water. Seek medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed:

Repeated and/or long-term contact may cause dryness and result in irritation and inflammation. Aspiration hazard if liquid is inhaled into lungs, particularly from vomiting after ingestion. Aspiration may result in chemical pneumonia.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** Alcohol-resistant foam, powder, CO<sub>2</sub>.

### Unsuitable extinguishing media:

Water jets should not be used, since they can spread the fire.

### 5.2 Special hazards arising from the substance or mixture

Flammable liquid. Avoid inhalation of fumes. Fire creates toxic gases. Vapors may form explosive mixtures with air. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

**5.3 Advice for firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

See section on 'Exposure controls/personal protection' for information on personal protection. Contain and collect with granulate, sand or other non-combustible material and transfer to suitable waste containers - see section 13 for disposal. Remove sources of ignition. Ensure adequate ventilation.

### 6.2 Environmental precautions:

Avoid discharge to lakes, streams, sewers, etc. In the event of a leakage to the surroundings, contact the local environmental authorities.

### 6.3 Methods and material for containment and cleaning up:

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Ensure adequate ventilation.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

### 6.4 Reference to other sections:

See section on 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Avoid unnecessary exposure. See Section 8 for personal protective equipment. Wash exposed areas thoroughly after handling. Keep away from sources of ignition - No Smoking. Avoid skin and eye contact. Avoid breathing vapor and spray mist. Smoking, eating and drinking are not allowed in the rooms. Product may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. Floors should be of the conducting type. No sparking tools should be used.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated place. Provide adequate ventilation. Make sure there are no leaks. Always keep in containers of same material as the original. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

### 7.3 Specific end use(s):

This product should only be used for applications described in Section 1.2

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits TWA:

CAS-no:	Name:	Limits:
64742-48-9	Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%	100 ppm

### DNEL / PNEC

-

### 8.2 Exposure controls

#### Appropriate technical measures:

Provide adequate ventilation. Airborne gas concentrations must be kept as low as possible and below the current threshold values. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

#### General information / hygiene measures:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face. Make sure that eyewash and emergency showers are clearly marked.

#### Measures to avoid environmental exposure:

Avoid discharge to lakes, streams, sewers, etc.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015



- Respiratory protection:** In case of inadequate ventilation use respiratory protection with filter type A. At high concentrations use self-contained breathing apparatus.
- Hand protection:** Use chemical resistant protective gloves (Nitril rubber standard EN 420 and EN 374). Gloves should be selected in consultation with the glove supplier, with information on effects from other chemical substances in the work place.
- Body protection:** Wear chemical resistant protective clothing is recommended.
- Eye protection:** Tightly sealed goggles/face shield. (EN 166)

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b> Liquid	<b>Color:</b> Beige	<b>Odour:</b> Characteristic	<b>PH:</b> -	<b>Viscosity:</b> -
<b>Flash point:</b> 40°C	<b>Boiling point:</b> 150°C	<b>Vapour pressure:</b> -	<b>Density:</b> 0.85 g/cm <sup>3</sup>	<b>Melting point:</b> -
<b>Evaporation rate:</b> -	<b>Auto-ignition:</b> -	<b>Explosive limits</b> -	<b>Solubility in water:</b> Insoluble	

### 9.2 Other information:

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## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Stable product under normal conditions.
- 10.2 Chemical stability:** The product is stable under the conditions, noted in the section on "Handling and storage".
- 10.3 Possibility of hazardous reactions:** No special.
- 10.4 Conditions to avoid:** Keep away from heat, sparks, flame and sources of ignition.
- 10.5 Incompatible materials:** No special.
- 10.6 Hazardous decomposition products:** Decomposition can lead to the formation of toxic gases or fumes.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

<b>Acute toxicity:</b>	Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%: Rat: LD50: Oral: >5000 mg/kg Rat: LD50: Dermal: >2000 mg/kg Rat: LC50: Inhalation: 7630 mg/m <sup>3</sup>
<b>Skin corrosion/irritation:</b>	Not classified. Repeated exposure may cause skin dryness or cracking.
<b>Serious eye damage/irritation:</b>	Not classified. May cause irritation.
<b>Respiratory or skin sensitisation:</b>	Not classified.
<b>Germ cell mutagenicity:</b>	Not classified.
<b>Carcinogenicity:</b>	Not classified.
<b>Reproductive toxicity:</b>	Not classified.
<b>Specific target organ toxicity - single exposure:</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure:</b>	Not classified.
<b>Aspiration hazard:</b>	May be fatal if swallowed and enters airways.
<b>Additional Information:</b>	This product contains an organic solvent. Repeated exposure to organic solvents can result in damage to the nervous system and inner organs, such as the liver and kidneys.

## SECTION 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity:</b>	Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%: Fish: LC50: 48 h: 5.4 mg/L
<b>12.2 Persistence and degradability:</b>	Naphtha (petroleum), hydrotreated heavy, benzene content: < 0,1%: Biodegradable - OECD 301F - 77%
<b>12.3 Bioaccumulative potential:</b>	No data available.
<b>12.4 Mobility in soil:</b>	No data available.
<b>12.5 Result of PBT and vPvB assesment:</b>	The substance does not fulfill all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB.
<b>12.6 Other adverse effects:</b>	None known.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

### SECTION 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

The product is covered by the regulations on dangerous waste.

Possibility:

**EWC:** 13 02 05

**Contaminated packing:** Packaging which contains leftovers from the product must be disposed of in the same way as the product.

### SECTION 14. TRANSPORT INFORMATION

This product is classified as dangerous of transport.

	ADR/RID	IMDG/IMO
14.1 UN number	1139	1139
14.2 UN proper shipping name	COATING SOLUTION	COATING SOLUTION
14.3 Transport hazard class(es)	3	3
14.4 Packing group	III	III
14.5 Environmental hazards - MP	No	No
Other informations	LQ: 5 L. Tunnel: D/E	LQ: 5 L. Tunnel: D/E

#### 14.6 Special precautions for user:

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#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable.

### SECTION 15. REGULATORY INFORMATION

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

##### Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC.

# Safety data sheet

## Example

Version 1.0

Effective date: 10-04-2015

**Additional information:** People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

**VOC:** VOC-content: 321.9 g/l.  
VOC EU limit value for this product (cat. e): 840 g/l.

**15.2 Chemical Safety Assessment:**  
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of R/H-phrases as mentioned in section 3:

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking

### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

### Validated by:

SRS

[www.msds-eu.com](http://www.msds-eu.com)

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