

Date of issue: 03/01/2017

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Replaces version 5.0 Version: 6.0
dated: 28/5/2015**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture
Product name : Rust Buster (Rust Protector & Lubricant)
Product code : RUST/60, R500
Type of product : Aerosol
Vaporizer : Aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Industrial/Professional use spec : Industrial water disperser
For professional use only

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Trend Machinery & Cutting Tools Ltd
Unit 6 Odhams Trading Estate
St. Albans Road
Watford
Herts
United Kingdom
T 0044 1923 249911
F 0044 1923 236879
technical@trendm.co.uk
www.trend-uk.com

1.4. Emergency telephone number

Emergency number : 0044 7973629367 Wessex Chemical Factors

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosol 1 H222;H229
Skin Irrit. 2 H315
STOT SE 3 H336
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS02



GHS07



GHS09



GHS04

Signal word (CLP) :

Danger

Hazardous ingredients :

Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302° F to 554° F)].

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.
H229 - Pressurized container: may burst if heated.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.
EUH018 - In use, may form flammable/explosive vapour air mixture.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.

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- : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- : P251 - Do not pierce or burn, even after use.
- : P261 - Avoid breathing vapours, spray, mist.
- : P264 - Wash hands thoroughly after handling.
- : P271 - Use only outdoors or in a well-ventilated area.
- : P273 - Avoid release to the environment.
- : P280 - Wear eye protection, protective gloves.
- : P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- : P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- : P312 - Call a POISON CENTER or doctor/physician/if you feel unwell.
- : P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- : P362 + P364 - Take off contaminated clothing and wash it before reuse.
- : P391 - Collect spillage.
- : P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- : P405 - Store locked up.
- : P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
- : P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302° F to 554° F).]	(CAS No) 64742-47-8 (EC no) 265-149-8 (EC index no) 649-422-00-2	>= 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Paraffin waxes and Hydrocarbon waxes, oxidized, calcium salts	CAS No) 68476-81-3 (EC no) 270-701-6	0,1 - 10	Not classified
Sulphonate		< 1	Not classified

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
- First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

- Symptoms/injuries after inhalation : May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : Causes skin irritation.

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No additional information available

SECTION 5: Firefighting measures**5.1. Extinguishing media**Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.**5.2. Special hazards arising from the substance or mixture**

Fire hazard : Extremely flammable aerosol.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist /vapours/spray

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Avoid breathing vapours. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Keep container tightly closed when not in use.

Incompatible products : Strong bases. Strong acids

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302 ° F to 554° F)]. (64742-47-8)**United Kingdom | WEL TWA (mg/m³) | 200 mg/m³ Non aerosol**8.2. Exposure controls**

Personal protective equipment: : Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

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Eye protection

: Chemical goggles or safety glasses.

Skin and body protection

: Wear suitable protective clothing.

Respiratory protection

: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.



Other information

: Do not eat, drink or smoke during use

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Brown.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 100 ° C
Flash point	: 18 ° C
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremeley flammable aerosol
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommened handling and storage conditions (See Section 7).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity : Not classified

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 ,g/kg
LC50 inhalation rat (Vapours - mg/l/4h)	5 mg/l/4h

Skin corrosion/irritation	: Slightly irritant but not relevant for classification.
Serious eye damage/irritation	: Slightly irritant but not relevant for classification. Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met.
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met.
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met.

Rust Buster

Vaporizer	Aerosol
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Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Ecology - water : Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.

Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302 ° F to 554° F)]. (64742-47-8)

LC50 fishes 1	> 2 mg/l 96 hours
EC50 Daphnia 1	> 1,4 mg/l 48 hours
ErC50 (algae)	> 1 mg/l 72 hours
ErC50 (other aquatic plants)	> 5 mg/l 96 hours

12.2. Persistence and degradability

Rust Buster

Persistence and degradability	Biodegradable. May cause long-term adverse effects in the environment,
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Paraffin waxes and Hydrocarbon waxes, oxidized, calcium salts (68476-81-3)

Persistence and degradability	Not established.
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Sulphonate

Persistence and degradability	Not established.
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Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302 ° F to 554° F)]. (64742-47-8)

Persistence and degradability	Biodegradable.
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12.3. Bioaccumulative potential

Rust Buster

Bioaccumulative potential	No bioaccumulation.
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Paraffin waxes and Hydrocarbon waxes, oxidized, calcium salts (68476-81-3)

Bioaccumulative potential	Not established.
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Sulphonate

Bioaccumulative potential | Not established.

Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302 ° F to 554° F)]. (64742-47-8)

Bioaccumulative potential | Contains bioaccumulative component(s).

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Component

Distillates (petroleum), hydrotreated light, Kerosine - unspecified. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150° C to 290° C (302 ° F to 554° F).] (64742-47-2)

PBT: not relevant – no registration required

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, local, national and/or international regulation.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN-No. (ADR) : 1950
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable
Transport document description (ADR) : UN 1950 AEROSOLS , 2.1, (D), ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1
Danger labels (ADR) : 2.1
:



IMDG

Transport hazard class(es) (IMDG) : Not applicable

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IATA

Transport hazard class(es) (IATA)

: Not applicable



ADN

Transport hazard class(es) (ADN)

: 2



RID

Transport hazard class(es) (RID)

: 2.1

: 2.1



14.4. Packing group

Packing group (ADR) : Not applicable
 Packing group (IMDG) : Not applicable
 Packing group (IATA) : Not applicable
 Packing group (ADN) : Not applicable
 Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes
 Marine pollutant : Yes
 Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : 5F
 Special provision (ADR) : 190, 327, 344, 625
 Limited quantities (ADR) : 1L
 Excepted quantities (ADR) : E0
 Transport category (ADR) : 2
 Tunnel restriction code (ADR) : D

14.6.2. Transport by sea

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subjected to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

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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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Rustbuster is not on the REACH Candidate List
Contains no REACH candidate substance
No REACH Annex XIV restrictions.

15.1.2. National regulations

Germany

Water hazard class (WGK) : 3 - strongly hazardous to water.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

User notes : Sections revised 2, 3, 16
Revision due to change in regulations
Data sources : Regulation (EC) No. 1272/2008 Classification. This mixture has been
classified using methods as described in Article 9(4) of Regulations (EC)
No.1272/2008.
Other information : Suppliers own data sheet (Wessex Chemical Factors), issued 07/07/2014,
revision date 27/02/2015, version 1.2
Trend SDS reference : LEAF/HS/RUST

Full text of H- and EUH-phrases:

Aerosol 1	Aerosol, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol
H226	Flammable liquid and vapour
H229	Pressurized container: may burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
EUH018	In use, may form flammable/explosive vapour air mixture.

SDS EU (REACH Annex II)

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.