

RUSTECO GreaseMaster

RUSTECO

Safety Data Sheet

Revision date: 11 March 2020
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1. Product and Company Identification

1.1 Product identifiers

Product Name	RUSTECO GreaseMaster
Producer	RUSTECO
Product Number	No data available
CAS-No.	Mixture

1.2 Identified uses of the product and uses advised against

Identified Uses	Surface Cleaning Detergent, Corrosion Treatment
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1.3 Details of the chemical supplier

Company	RUSTECO
Address	PO Box 11398 Torrance, CA 90510 USA
Telephone:	310-294-9150

1.4 Emergency phone number

Emergency phone number	1-800-RUSTECO (787-8326)
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2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Class	Skin corrosion/irritation, Category 3 Skin sensitization, Category 1B Eye Irritation, Category 2B Acute toxicity Oral, Category 4
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Classification according to Regulation (EC) No 1272/2008

Based on present data no classification and labeling is required according to Directive 1272/2008/EC and its amendments (CLP Regulation, GHS).

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

According to present data no classification and labeling is required according to Directives 67/548/EEC or 1999/45/EC.

2.2 GHS Label elements, including precautionary statements

GHS Pictograms



Signal word	Warning
Hazard statements	H302 – Harmful if swallowed H316 – Causes mild skin irritation H317 – May cause an allergic skin reaction H320 – Causes eye irritation

Precautionary statements	P261 – Avoid breathing fume, misty, spray, vapors. P264 – Wash hands thoroughly after handling.
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P270 – Do not eat, drink or smoke when using this product

P280 – Wear eye protection, protective clothing, protective gloves

P301 + P310 + P331 – IF SWALLOWED: Immediately call a poison center/doctor.

P303 + P361 + P353 + P314 – IF ON SKIN: Take off immediately all contaminate clothing. Rinse skin with water/shower. Get medical attention if you feel unwell.

P305 + P351 + P338 + P314 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention if you feel unwell

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - None

3. Composition/Information on Ingredients

3.1 Product mixture

Synonyms	No Data Available
Formula	No data available; mixture
Molecular wt	Mixture
CAS-No.	Mixture
EC-No.	Mixture

Chemical Name	CAS-No.	Ingredient Percent
Water	7732-18-5	89.75%
Alkyl Polyglucoside, non-ionic surfactant	68515-73-81	7.4%
Citric Acid	77-92-9	2.6%
Sodium Gluconate	527-07-1	0.25%

Remarks There are no additional hazardous ingredients greater than or equal to 1.0 wt% concentration or carcinogenic ingredients greater than or equal to 0.1 wt% concentration.

4. First Aid Measures

4.1 Description of first aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Skin contact	Wash off with a disinfectant soap and water. Consult a physician if symptoms occur.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if symptoms occur.
Inhalation	In case of difficult breathing, move person to fresh air. Consult a physician if symptoms occur.
Ingestion	Rinse mouth. Immediately dilute by drinking large amounts of water. After dilution induce vomiting. Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects The most important known symptoms and effects are described in the labelling (see section 2.2) and in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Other first aid No data available

5. Fire Fighting Measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Use water, alcohol-resistant foam, dry chemical or carbon dioxide spraying extinguishing media to base of flames.

5.2 Special hazards arising from the substance or mixture

Special hazards Excessive thermal decomposition at very high temperatures can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

5.3 Advice for firefighters

Protective equipment Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions In case of large spills, dike spill to prevent runoff into sewers and drains. Recover as much of the material as possible.

6.3 Methods and materials for containment and cleaning up

Methods for cleanup Soak up with inert absorbent material and dispose. Keep in suitable, closed containers for disposal.

6.4 References to other sections

Other references For disposal see section 13.

7. Handling and Storage**7.1 General hygiene considerations**

General hygiene Avoid contact with skin and eyes. In case of large quantities of vapor or mist, use local exhaust or general dilution ventilation to control exposure within applicable limits. For precautions see section 2.2.

7.2 Precautions for safe handling

Safe handling precautions Keep container tightly closed in a dry and well-ventilated place.

7.3 Conditions for safe storage, including any incompatibilities

Other storage conditions Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure Controls/Personal Protection**8.1 Control and exposure limits recommended by the chemical manufacturer**

OSHA Standards Not available – not determined
 Threshold Limit Values Not available – not determined
 NIOSH Recommendations Not available – not determined.

8.2 Appropriate engineering controls

Engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use adequate ventilation where dust forms to keep concentration under exposure control limits.

8.3 Individual protection measures, such as personal protective equipment

Respiratory protection None required for consumer use. For manufacturing quantities: where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye/face protection For manufacturing quantities: safety glasses with side-shields conforming to EN166 are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand protection For manufacturing quantities: handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection For manufacturing quantities: wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

a) Appearance Amber Liquid.
 b) Odor Characteristic
 c) Odor threshold No data available
 d) pH (1% solution) 5 – 6
 e) Melting/freezing point No data available
 f) Boiling point 220°F

g) Flash point	N/A
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	Upper (UEL): No data available Lower (LEL): No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	1.04
n) Water solubility	Soluble in water
o) Partition coefficient octanol/water	No data available
p) Auto-ignition temp	No data available
q) Decomposition temp	No data available
r) Viscosity	No data available

10. Stability and Reactivity

10.1 Reactivity	
Reactivity	No significant reactivity hazards.
10.2 Chemical stability	
Chemical stability	Stable under ordinary conditions of use and storage.
10.3 Possibility of hazardous reactions	
Hazardous reactions	No data available
10.4 Conditions to avoid	
Conditions to avoid	Excess heat. Contact with strong acids, alkali or oxidizing agents.
10.5 Incompatible materials	
Incompatible materials	Strong acids, alkali or oxidizing agents.
10.6 Hazardous decomposition products	
Hazardous products	Thermal degradation may produce oxides of carbon and/or nitrogen and/or derivatives.

11. Toxicological Information

11.1 Information on toxicological effects	
Acute toxicity	
Acute oral toxicity	LD50 (Rat) 1.26 g/kg
Acute dermal toxicity	Skin PIS (rabbit) Moderate
Acute inhalation toxicity	No data available.
Skin corrosion/irritation	
Skin corrosion irritation	Causes mild skin irritation
Serious eye damage/eye irritation	
Eye damage/eye irritation	Causes eye irritation
Respiratory or skin sensitization	
Respiratory sensitizer	No data available
Skin sensitizer	May cause an allergic skin reaction
Germ cell mutagenicity	
Mutagenicity	No data available
Suspected cancer agent	
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

Reproductive toxicity

Reproductive toxicity This product is not reported to produce mutagenic, embryotoxic, teratogenic, or reproductive effects in humans.

Aspiration hazard

Aspiration hazard No data available

12. Ecological Information**12.1 Ecotoxicity (aquatic and terrestrial)**

Ecotoxicity No data available

12.2 Persistence and degradability

Degradability Biodegradable.

12.3 Bioaccumulation potential

Bioaccumulation No data available

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment Not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations**13.1 Waste treatment methods**

Waste treatment disposal Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

14. Transport Information**DOT**

Not dangerous goods.

TDG

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

15. Regulatory Information**15.1 Safety, health, and environmental regulations specific to the product or mixture**

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

TSCA This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: None

EINECS All components of this product are on the European Inventory of Existing Commercial Chemical Substances.

Canada DSL All components of this product are on the Canada Domestic Substance List.

CA Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

HMIS Rating Health hazard: 1
Flammability: 0
Physical Hazard 0

NFPA Rating Health hazard: 1
 Fire Hazard: 0
 Reactivity Hazard: 0

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The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. RUSTECO assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, RUSTECO assumes no responsibility for injury to vendee or third persons proximately caused by use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Abbreviations and acronyms

- IMDG - International Maritime Code for Dangerous Goods
- TDG - Transportation of Dangerous Goods
- IATA - International Air Transport Association
- GHS - Globally Harmonized System of Classification and Labelling of Chemicals
- PBT - Persistent, bioaccumulative and toxic assessment
- vPvB - Very persistent and very bioaccumulative assessment
- ACGIH - American Conference of Governmental Industrial Hygienists
- NIOSH - National Institute for Occupational Safety and Health
- TLV - Threshold Limit Values
- CAS - Chemical Abstracts Service (division of the American Chemical Society)
- NFPA - National Fire Protection Association
- HMS - Hazardous Materials Identification System
- CFR - Code of Federal Regulations
- SARA - Superfund Amendments and Reauthorization Act
- DOT - US Department of Transportation
- EC50 - Half maximal effective concentration
- LD50 - Median lethal dose
- LC50 - Median lethal concentration
- SDS - Safety Data Sheet