



1. PRODUCT AND COMPANY IDENTIFICATION

GHS Product name Stainless Steel Cleaner

Other means of identification

Recommended use of the chemical and restrictions on use

Recommended use Cleaning and Polishing of Stainless Steel

Details of the supplier of the safety data sheet

Company information Manufacturer Address
RMR Solutions
2202 Grand Commerce Dr.
Howell, MI 48855
Ph: 866-822-8744
Fax: 810-227-5595
Website: rmr solutions.com

Emergency phone number Chemtel 800-255-3924

2. HAZARDS IDENTIFICATION

GHS Classification

GHS Classification Scale: (1=Severe Hazard, 4= Slight Hazard)
Not Classified as hazardous

LABEL ELEMENTS

Signal Word Not Classified

Hazard statements Not Classified as hazardous

Hazard symbols None required by GHS

Precautionary Statements - Prevention No special directive listed in GHS

Precautionary Statements - Response No special directive listed in GHS

Precautionary Statements - Storage No special directive listed in GHS

Precautionary Statements - Disposal No special directive in GHS.

Other hazards Avoid breathing of mists.

3. COMPOSITION INFORMATION ON INGREDIENTS

Chemical name	CAS #	PERCENTAGE
Mineral Oil	8042-47-5	10-20

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET.

4. FIRST AID MEASURES

Description of first aid measures

Ingestion	If swallowed, rinse mouth, then drink copious amounts of water to dilute. Do not induce vomiting unless told to do so by doctor or physician. Seek medical advice/attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.
Skin Contact	Wash area with water. Wash contaminated clothing before reuse. If irritation occurs get medical advice.
Inhalation	Not normally required. If inhalation hazards are experienced, move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician if you feel unwell.
Note to physician	Acute aspirations of large amounts of oil laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long term sequelae. Inhalation exposure to oil mists below listed exposure levels in section 8 below is unlikely to cause pulmonary abnormalities. (Product is a water soluble emulsion)
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If irritation persists get medical attention/ advice.

Most important symptoms and effects, both acute and delayed

Ingestion	Symptoms may include diarrhea, gastric pain, and vomiting.
Skin Contact	Not expected; however, symptoms may include redness and skin irritation.
Inhalation	Symptoms may include irritation of respiratory tract. Avoid breathing mists
Eye Contact	Symptoms may include stinging, tearing, redness and blurred vision.

Indication of any immediate medical attention and special treatment needed, if necessary.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u>	Use methods suitable for surrounding fire
<u>Unsuitable Extinguishing Media</u>	None determined
<u>Specific Hazards Arising from the Chemical</u>	This material may burn but will not ignite readily. Product will not sustain combustion.
<u>Hazardous thermal decomposition products</u>	Carbon monoxide and CO ₂
<u>Special protective actions for fire-fighters</u>	Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Spilled material will be slippery. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

Environmental precautions

Avoid dispersal of spilled material with waterways, drains and sewers. See section 12 for additional ecological information.

Methods and materials for containment and cleaning up.

Small spill

Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

Large spill

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. As with all chemicals, avoid breathing vapor or mists. Do not enter storage areas and confined spaces unless adequately ventilated. Keep tightly closed when not in use. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

Conditions for safe storage including any incompatibilities

Store in a dry, well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Keep container tightly closed when not in use. Do not store in unlabeled containers. Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters****Occupational Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Oil	5mg/m ³ TWA inhalable fraction 10mg/m ³ STEL mist	5mg/m ³ mist	
Proprietary Solvent	10mg/m ³ aerosol weel		

Appropriate Engineering Controls**Engineering Controls**

Use with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants and maintain air concentrations below occupational exposure standards.

Individual protection measures, such as personal protective equipment. (PPE)**Eye/Face Protection**

Wear appropriate safety goggles with side shields

Skin & Body Protection

Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

Respiratory Protection

If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted, NIOSH/MSHA air-purifying or air-fed respirator in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White liquid
Odor	Lemon fresh
Odor Threshold	Not available
pH	Neutral range (6-7.5)
Melting point / freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	>300F, mineral oil within product may burn but does not sustain combustion.
Evaporation Rate	Not determined (butyl acetate=1)
Upper explosive limits	Not applicable
Lower explosive limits	Not applicable
Vapor Pressure	Not determined
Vapor Density	Not determined (air=1)
Relative Density	1.01
Water Solubility	Soluble emulsion
Partition Coefficient	Not applicable
Autoignition temperature	Not applicable
Decomposition temperature	Not available
Viscosity	Pourable

10. STABILITY AND REACTIVITY

Reactivity	Stable in normal ambient temperature and pressure
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Not under normal conditions of storage and use.
Conditions to Avoid	Do not freeze. Do not expose to ignition sources or oxidizing materials. No smoking.
Incompatible materials	Oxidizing materials
Hazardous decomposition products	Carbon monoxide and Carbon Dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified
Skin corrosion irritation	Not classified
Serious Eye damage	Not classified
Sensitization	Not classified
Mutagenicity	Not classified
Carcinogenicity	Not classified

Reproductive Toxicity Not Classified

Teratogenicity Not classified

Specific target Organ Toxicity (single exposure)
Not classified

Specific target Organ Toxicity (repeated exposure)
Not Classified

Aspiration Hazard Not classified

Information on the likely routes of exposure

Ingestion May be harmful if swallowed

Inhalation Avoid breathing mists or sprays.

Skin Not expected; mild irritation could be experienced with prolonged contact

Eye Could cause eye irritation and discomfort

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion See section iv, most important symptoms and effects, acute and delayed.

Inhalation See section iv, most important symptoms and effects, acute and delayed.

Skin See section iv, most important symptoms and effects, acute and delayed.

Eye See section iv, most important symptoms and effects, acute and delayed.

Delayed and immediate effects and also chronic effects from short and long term exposure.

General Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity No known significant effects or critical hazards. Not classifiable.

Numerical measures of Toxicity Not Available

12. ECOLOGICAL INFORMATION

Toxicity No further information

Persistence and degradability Product expected to be readily biodegradable.

Bioaccumulation Potential No data

Mobility in Soil No data

Other adverse Effects No further information.

13. DISPOSAL INFORMATION

Dispose in accordance with applicable federal, state and local regulations.

14. TRANSPORT INFORMATION**DOT** Not regulated**IATA** Not regulated**IMDG** Not regulated**15. REGULATORY INFORMATION****US Federal Regulations** All ingredients are listed or exempted with TSCA.**SARA 302/304** No products were found.**SARA 311/312** No products were found.**SARA 313** No products were found.

Chemical name	New York	New Jersey	Massachusetts	Pennsylvania
Proprietary Solvent		X		X

STATE REGULATIONS**California Prop 65** None known to meet requirements**16. OTHER INFORMATION****HMIS RATING: HEALTH (1) FIRE (0) REACTIVITY (0)****4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT****NOTICE TO READER:**

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