

BATHWORKS CLEANER SCRATCH REMOVER SDS

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BathWorks Cleaner Scratch Remover

PRODUCT CLASS: Industrial Maintenance

CODE: BW-314B

MANUFACTURER: Munro Products

ADDRESS: 9150 Clarence Center Road
Clarence Center, NY 14032

EMERGENCY PHONE: CHEMTREC® 1-800-424-9300

Issue Date: 1/01/14

Document Group: 24-5413-0

Product Use:

Intended Use: For polishing and cleaning bathtubs, sinks, and tile.

SECTION 2: INGREDIENTS

| <u>Ingredient</u> | <u>C.A.S. No.</u> | <u>% by Wt</u> |
|--|-------------------|----------------|
| WATER | 7732-18-5 | 30 - 60 |
| SILICA | 7631-86-9 | 15 - 40 |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | 64742-47-8 | 10 - 30 |
| KAOLINITE | 1318-74-7 | 3 - 7 |
| SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES | 64741-88-4 | 1 - 5 |
| OLEIC ACID | 112-80-1 | 1 - 5 |
| QUARTZ SILICA | 14808-60-7 | < 3 |
| IIIITE | 12173-60-3 | 0.5 - 1.5 |
| MINERAL OIL | 64741-89-5 | < 1.5 |
| GLYCERIN | 56-81-5 | 0.5 - 1.5 |
| POLY(OXYETHYLENE)SORBITAN MONOSTEARATE | 9005-67-8 | 0.1 - 1.0 |

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Light brown. Slight solvent odor.

General Physical Form: Liquid

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Immediate health, physical, and environmental hazards: Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back. May cause target organ effects. Contains a chemical or chemicals which can cause cancer.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Prolonged or repeated exposure may cause:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

Silicosis: Signs/symptoms may include breathlessness, weakness, chest pain, persistent cough, increased amounts of sputum, and heart disease.

May be absorbed following inhalation and cause target organ effects.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Target Organ Effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| <u>Ingredient</u> | <u>C.A.S. No.</u> | <u>Class Description</u> | <u>Regulation</u> |
|---|-------------------|--------------------------------|---|
| QUARTZ SILICA | 14808-60-7 | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE) | SEQ677 | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE) | SEQ677 | Known human carcinogen | National Toxicology Program Carcinogens |

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

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Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

| | |
|--|-------------------------------------|
| Autoignition temperature | Νο Δοτα Αναϊλδδδ |
| Flash Point | >= 150 °F [Τεστ Μεθδδδ: Closed Cup] |
| Flammable Limits(LEL) | Νο Δοτα Αναϊλδδδ |
| Flammable Limits(UEL) | Νο Δοτα Αναϊλδδδ |
| OSHA Flammability Classification: | Class IIIA Combustible Liquid |

5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Water may be used to blanket the fire. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.

6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Place in a metal container approved for use in transportation by appropriate authorities. The container must be lined with polyethylene plastic or contain a plastic drum liner made of polyethylene. Dispose of collected material as soon as possible.

Clean-up methods

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call Munro Products for more information on handling and managing the spill (1-800-872-8827). Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

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SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid skin contact. Avoid eye contact with vapors, mists, or spray. Keep out of the reach of children. Do not breathe vapors. Do not breathe dust. Avoid contact with oxidizing agents. Avoid breathing of dust created by sanding, grinding or machining.

7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight. Keep container in well-ventilated area. Store away from areas where product may come into contact with food or pharmaceuticals. Store away from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Provide appropriate local exhaust ventilation on open containers. Use in an enclosed process area is recommended. Do not use in a confined area or areas with little or no air movement. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact with vapors, mists, or spray.

The following eye protection(s) are recommended: Safety Glasses with side shields
Indirect Vented Goggles

8.2.2 Skin Protection

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Neoprene
Nitrile Rubber

8.2.3 Respiratory Protection

Do not breathe vapors. Do not breathe dust. Avoid breathing of dust created by sanding, grinding or machining.

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

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8.3 EXPOSURE GUIDELINES

| <u>Ingredient</u> | <u>Authority</u> | <u>Type</u> | <u>Limit</u> | <u>Additional Information</u> |
|---|------------------|--|----------------------------------|-------------------------------|
| Aluminum, insoluble compounds | ACGIH | TWA, respirable fraction | 1 mg/m ³ | |
| Benzene, 1,3-dimethyl- | ACGIH | TWA | 100 ppm | |
| Benzene, 1,3-dimethyl- | ACGIH | STEL | 150 ppm | |
| Benzene, 1,4-dimethyl- | ACGIH | TWA | 100 ppm | |
| Benzene, 1,4-dimethyl- | ACGIH | STEL | 150 ppm | |
| Benzene, dimethyl- | ACGIH | TWA | 100 ppm | |
| Benzene, dimethyl- | ACGIH | STEL | 150 ppm | |
| Benzene, dimethyl- | OSHA | TWA | 435 mg/m ³ | |
| Benzene, trimethyl- | ACGIH | TWA | 25 ppm | |
| Chromium | ACGIH | TWA, as Cr | 0.5 mg/m ³ | |
| Chromium | OSHA | TWA, as Cr | 1 mg/m ³ | |
| Copper | ACGIH | TWA, as Cu, fume | 0.2 mg/m ³ | |
| Copper | ACGIH | TWA, as Cu dust or mist | 1 mg/m ³ | |
| Copper | OSHA | TWA, as Cu, fume | 0.1 mg/m ³ | |
| Copper | OSHA | TWA, as Cu dust or mist | 1 mg/m ³ | |
| GLYCERIN | ACGIH | TWA, as mist | 10 mg/m ³ | |
| GLYCERIN | OSHA | TWA, respirable fraction | 5 mg/m ³ | |
| GLYCERIN | OSHA | TWA, as total dust | 15 mg/m ³ | |
| Hexane | ACGIH | TWA | 50 ppm | Skin Notation* |
| Hexane | OSHA | TWA | 1800 mg/m ³ | |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | CMRG | TWA | 165 ppm | |
| JET FUELS (NON-AEROSOL), AS TOTAL HYDROCARBON VAPOR | ACGIH | TWA, as total hydrocarbon vapor, non-aerosol | 200 mg/m ³ | Skin Notation* |
| Kerosine (petroleum) | ACGIH | TWA, as total hydrocarbon vapor, non-aerosol | 200 mg/m ³ | Skin Notation* |
| Manganese | ACGIH | TWA, as Mn | 0.2 mg/m ³ | |
| Manganese | OSHA | CEIL, as Mn fume | 5 mg/m ³ | |
| MANGANESE COMPOUNDS | OSHA | CEIL, as Mn | 5 mg/m ³ | |
| Mercury | ACGIH | TWA, as Hg | 0.025 mg/m ³ | Skin Notation* |
| Mercury | OSHA | CEIL | 0.1 mg/m ³ | |
| MINERAL OILS, HIGHLY-REFINED OILS | ACGIH | TWA, inhalable fraction | 5 mg/m ³ | |
| Octane | ACGIH | TWA | 300 ppm | |
| Octane | OSHA | TWA | 2350 mg/m ³ | |
| Octane, all isomers | ACGIH | TWA | 300 ppm | |
| Paraffin oil | OSHA | TWA, as mist | 5 mg/m ³ | |
| PETROLEUM DISTILLATES | OSHA | TWA | 2000 mg/m ³ | |
| QUARTZ SILICA | ACGIH | TWA, respirable fraction | 0.025 mg/m ³ | |
| QUARTZ SILICA | OSHA | TWA concentration, respirable | 0.1 mg/m ³ | |
| QUARTZ SILICA | OSHA | TWA concentration, as total dust | 0.3 mg/m ³ | |
| Selenium | ACGIH | TWA, as Se | 0.2 mg/m ³ | |
| SELENIUM COMPOUNDS | ACGIH | TWA, as Se | 0.2 mg/m ³ | |
| SELENIUM COMPOUNDS | OSHA | TWA, as Se | 0.2 mg/m ³ | |
| SILICA | CMRG | TWA, as respirable dust | 3 mg/m ³ | |
| SILICA, AMORPHOUS | OSHA | TWA concentration | 0.8 mg/m ³ | |
| SILICA, AMORPHOUS | OSHA | TWA | 20 millions of particles/cu. ft. | |

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| | | | |
|---|-------|-----|------------|
| SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES | CMRG | TWA | 5 mg/m3 |
| Stoddard solvent | ACGIH | TWA | 100 ppm |
| Stoddard solvent | OSHA | TWA | 2900 mg/m3 |

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists
CMRG: Chemical Manufacturer Recommended Guideline
OSHA: Occupational Safety and Health Administration
AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Odor, Color, Grade: | Light brown. Slight solvent odor. |
| General Physical Form: | Liquid |
| Autoignition temperature | Մո ճանաչումով |
| Flash Point | >= 150 °F [Մտշտ ՄտտվոՅ: Closed Cup] |
| Flammable Limits(LEL) | Մո ճանաչումով |
| Flammable Limits(UEL) | Մո ճանաչումով |
| Boiling Point | > 150 °F [Մտշտ ՄտտվոՅ: ASTM METHOD] |
| Density | 1.19 - 1.21 g/ml |
| Vapor Density | Մո ճանաչումով |
| Vapor Pressure | 14.7 mmHg [@ 20 °C] [Մտշտ ՄտտվոՅ: ASTM METHOD] |
| Specific Gravity | 1.19 - 1.21 [ՔսշՂՅն: WATER=1] |
| pH | 7.5 - 8.5 |
| Melting point | Մոտ հարվումով |
| Solubility in Water | Negligible |
| Evaporation rate | Մո ճանաչումով |
| Hazardous Air Pollutants | 0.003 lb HAPS/lb solids [Մտշտ ՄտտվոՅ: Calculated] |
| Volatile Organic Compounds | 15.4 % weight [Մտշտ ՄտտվոՅ: calculated per CARB title 2] |
| Volatile Organic Compounds | 185 g/l [Մտշտ ՄտտվոՅ: calculated SCAQMD rule 443.1] |
| Kow - Oct/Water partition coef | Մո ճանաչումով |
| Percent volatile | 58.23 % |
| VOC Less H2O & Exempt Solvents | 388 g/l [Մտշտ ՄտտվոՅ: calculated SCAQMD rule 443.1] |
| Viscosity | 6,000 - 10,000 centipoise |

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:

10.1 Conditions to avoid

Heat
Sparks and/or flames

10.2 Materials to avoid

None known

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Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u> |
|------------------|-------------------|
| Formaldehyde | During Combustion |
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

EPA Hazardous Waste Number (RCRA): D018 (Benzene)

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

LB-K100-0431-7, LB-K100-0684-1, LB-K100-0838-6, 60-4550-3563-8, 60-4550-3564-6, 60-4550-3565-3, 60-4550-3575-2, 60-4550-4631-2, 60-4550-5064-5, 60-4550-5065-2, 60-4550-5066-0, 60-4550-5071-0, 60-4550-5072-8, 60-4550-5073-6

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: REGULATORY INFORMATION

311/312 Hazard Categories:

Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - Yes

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CALIFORNIA PROPOSITION 65

Ingredient

SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)

C.A.S. No.

None

Classification

**Carcinogen

** WARNING: contains a chemical which can cause cancer.

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

WHMIS: Hazardous

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 1 Flammability: 2 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Revision Changes:

Section 8: Respiratory protection - recommended respirators information was modified.

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Section 9: Property description for optional properties was modified.

Section 8: Respiratory protection - recommended respirators guide was modified.

Section 14: ID Number(s) Template 1 was modified.

Section 2: Ingredient table was modified.

Section 8: Exposure guidelines ingredient information was modified.

Section 15: California proposition 65 ingredient information was modified.

Copyright was modified.

Section 8: Respiratory protection - recommended respirators punctuation was deleted.

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