

Material Safety Data Sheet
Brilliance Stainless Steel Cleaner

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DATE PREPARED: 9/28/2012
REVISION DATE: 10/9/2012
CHEM-TEL: 800-225-3924
PRODUCT NUMBER: 2490

SECTION I - IDENTIFICATION

PRODUCT NAME: Brilliance
PRODUCT CODE: 2490
PRODUCT USE: Stainless Steel Cleaner

SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | CAS NUMBER | OSHA PEL | ACGIH TLV |
|---------------------------|------------|----------|-----------|
| Isoparaffinic Hydrocarbon | 64742-47-8 | 400ppm | 400 ppm |
| Propane/N-Butane | 68476-86-8 | N/A | 1000 ppm |
| White Mineral Oil | 8042-47-5 | 5 mg/m3 | 5 mg/m3 |

SECTION III – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures above 120° F or store in direct sunlight may develop pressure and cause can to burst.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause irritation.

INGESTION: May cause gastric discomfort and nausea. No hazard by this route in normal use.

INHALATION: No hazards under normal use due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: None known

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY:
OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: May cause gastric discomfort and nausea. No hazard by this route in normal use.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLASH POINT: > 175 F

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure exposure to high temperatures above 120F can cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon,

Material Safety Data Sheet
Brilliance Stainless Steel Cleaner

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Stop leak if you can do so without risk. Move the cylinder/can to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent spill from entering sewers, storm drains, and natural waterways. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection

RCRA STATUS: Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool dry area. Do not use or store near heat or open flame. Exposure to temperatures above 120F may cause bursting. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label directions exactly.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use.

PROTECTIVE CLOTHING: Safety glasses are always recommended when using chemicals. Impervious gloves such as neoprene or solvex can be used.

ADDITIONAL MEASURES: Wash hands after use

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Lemon scent

PHYSICAL STATE: Liquid

BOILING POINT: 388°F

VAPOR PRESSURE (mm Hg): 0.5 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): >1

EVAPORATION RATE: 0.2

SPECIFIC GRAVITY (H₂O=1): 0.81

pH: N/A

SOLUBILITY IN WATER: 0%

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

SECTION X – STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 120 F, excessive heat, hot surfaces. Dropping may cause bursting.

INCOMPATIBILITY: some plastics and painted surfaces pre-test before using.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of Carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Isoparaffinic Hydrocarbon - 64742-47-8: Oral rat LD50: 5 g/kg; Skin rabbit LD50: 2 g/kg; Inhalation rat LC50: 5 mg/L (4-hr)

Material Safety Data Sheet
Brilliance Stainless Steel Cleaner

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Isoparafinic Hydrocarbon - 64742-47-8: Ecotoxicity - Not expected to be harmful to aquatic organisms. Not expected to demonstrate chronic toxicity to aquatic organisms. Biodegradation: Expected to be readily biodegradable. Hydrolysis: Transformation due to hydrolysis not expected to be significant. Photolysis: Transformation due to photolysis not expected to be significant. Atmospheric Oxidation: Expected to degrade rapidly in air.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection
RCRA STATUS: Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

| | |
|--|-------------------------------------|
| PROPER SHIPPING NAME: Non Corrosive Cleaning Compound | HAZARD CLASS/DIVISION: ORM-D |
| AIR SHIPMENT | |
| PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2 | |
| HAZARD CLASS/DIVISION: 2.1 | UN/NA NUMBER: UN 1950 |
| PACKAGING GROUP: N/A | |
| SHIPPING BY WATER: | |
| VESSEL (IMO/IMDG) | |
| PROPER SHIPPING NAME: Aerosols, Ltd. Qty. Class 2 | |
| HAZARD CLASS/DIVISION: 2.1 | UN/NA NUMBER: UN 1950 |
| PACKAGING GROUP: N/A | NOTE: |

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: None
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: CALIFORNIA PROPOSITION 65: None
INTERNATIONAL REGULATIONS: Isoparafinic Hydrocarbon - 64742-47-8:

| | |
|-----------------------------|-----------------------------|
| NFPA HEALTH: 1 | HMIS HEALTH: 1 |
| NFPA FLAMMABILITY: 3 | HMIS FLAMMABILITY: 3 |
| NFPA REACTIVITY: 1 | HMIS REACTIVITY: 1 |
| NFPA OTHER: N/A | HMIS PROTECTION: A |

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: John Holdren

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