

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

SHOWER-BRITE

PRODUCT CODE: #212H

CHEMICAL FORMULATION: HARD SURFACE ACID CLEANER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: FLAMMABILITY: REACTIVITY:

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	WEIGHT %
NONIONIC SURFACTANT	9016-45-9			
HYDROCHLORIC ACID	7647-01-0			
ACID INHIBITOR 60S: PROPARGYL	107-19-7			
ISOPROPYL ALCOHOL	67-63-0			
WATER	7732-18-5			

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): N/A MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): N/A SPECIFIC GRAVITY (H20=1): 1.090
VAPOR DENSITY (AIR=1) N/A
SOLUBILITY IN WATER: COMPLETE EVAPORATION RATE (Butyl Acetate=1): N/A
pH:
APPEARANCE AND ODOR: ALMOND ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (Method used): NOT APPLICABLE (TEST METHOD):
FLAMMABLE LIMITS: N/E UPPER: N/E LOWER: N/E
EXTINGUISHING MEDIA: WATER, FOAM OR DRY CHEMICALS
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING
UNUSUAL FIRE AND EXPLOSION HAZARD: NOT FLAMMABLE, BUT REACTS WITH COMMON METALS GENERATING HYDROGEN GAS, WHICH MAY CAUSE FIRE OR EXPLOSION

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: KEEP AWAY FROM OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: N/A

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VI - HEALTH AND HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION, EYES, SKIN

CARCINOGENICITY: N/A

SYMPTOMS OF EXPOSURE

IF IN EYES: MAY CAUSE BURNS TO EYES

IF ON SKIN: MAY CAUSE BURNS TO SKIN

IF INGESTED:

IF INHALED: LARGE AMOUNTS OF FUMES WILL CAUSE IRRITATION TO NOSE AND THROAT

EMERGENCY FIRST AID

IF IN EYES: WASH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION

IF ON SKIN: FLUSH WITH LARGE AMOUNTS OF WATER USING SOAP FREELY

IF INGESTED: DRINK MAGNESTA CHALK OR SMALL PIECES OF SOFTENED SOAP WITH WATER, MILK OR RAW EGG WHITE IF THESE ARE NOT AVAILABLE DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION

IF INHALED: REMOVE TO FRESH AIR

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: USE PROTECTIVE EQUIPMENT TO AVOID BREATHING VAPORS, OR SKIN CONTACT. NEUTRALIZE SPILL WITH SODA ASH. SCOOP-UP SLURRY. FLUSH REMAINDER WITH WATER

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH GOVERNMENT REGULATIONS

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST-USE ADEQUATE VENTILATION TO KEEP BELOW TLV SAFETY SHOWER

RESPIRATORY PROTECTION: N/A

PROTECTIVE GLOVES: ACID RESISTANT GLOVES

EYE PROTECTION: CHEMICAL GOGGLES OR FACE SHIELD

OTHER PROTECTIVE EQUIPMENT: ACID RESISTANT APRON AND BOOTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID CONTACT WITH SKIN OR EYES. WHEN STORING MAKE SURE CONTAINERS ARE NOT TO FULL. UNDER EXTREMELY HOT CONDITIONS, ALLOW ROOM FOR EXPANSION

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES: N/A

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