

MATERIAL SAFETY DATA SHEET

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DATE OF ISSUE: January 05, 2013

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

DELIME

PRODUCT CODE: #069

CHEMICAL FORMULATION: DESCALES AND BRIGHTENS FOOD SERVING EQUIPMENT, DISHWASHER AND COFFEE POTS

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 1

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

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS#	OSHA PEL	ACGIHTWA	ACGIHTLV	Other Limits	
					Recommended	% optional
NONIONIC SURFACTANT	9016-45-9					
ACID INHIBITOR OR 60S (PROPARGYL ALCOHOL + ISOPROPYL ALCOHOL)	107-19-7 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/D
VAPOR PRESSURE (mm Hg): N/A	SPECIFIC GRAVITY (WATER = 1): 1.09
VAPOR DENSITY (AIR = 1): N/A	VOC CONTENT (% by weight): N/A
SOLUBILITY IN WATER: COMPLETE	EVAPORATION RATE (Water = 1): N/A
APPEARANCE AND ODOR: ALMOND ODOR	pH: 1.0

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): N/A

(TEST METHOD):

FLAMMABLE LIMITS: N/A

UPPER: N/A

LOWER: N/A

EXTINGUISHING MEDIA: FOAM, WATER, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST USE FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARD: NOT FLAMMABLE, BUT REACTS WITH COMMON METALS GENERATING HYDROGEN GAS, WHICH MAY CAUSE FIRE OR EXPLOSION.

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V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: OXIDIZING AGENTS
CONDITIONS TO AVOID: BLEACH TYPE PRODUCTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: N/A

VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY INHALATION: **SKIN:** **INGESTION:**
CARCINOGENICITY: **NTP?** **IARC MONOGRAPHS?** **OSHA REGULATED?**

EFFECTS OF OVEREXPOSURE

IF IN EYES: CAUSES BURNS TO EYES
IF ON SKIN: CAUSES BURNS TO SKIN
IF SWALLOWED: N/A
IF INHALED: LARGE AMOUNTS OF FUME WILL CAUSE IRRITATION TO NOSE AND THROAT

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES
SEEK MEDICAL ATTENTION.
IF ON SKIN: FLUSH WITH LARGE AMOUNTS OF WATER USING SOAP FREELY.
IF SWALLOWED: DRINK MAGNESTA, CHALK OR SMALL PIECES OF SOFTENED SOAP WITH WATER, MILK OR RAW
EGG WHITES. IF THESE ARE NOT AVAILABLE, DRINK LARGE AMOUNTS OF WATER.
SEEK MEDICAL ATTENTION.
IF INHALED: N/A

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
 Mechanical (General): N/A **Special:** N/A **OTHER:** EYE WASH

RESPIRATORY PROTECTION: NONE REQUIRED

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 TOO FULL. UNDER EXTREMELY HOT CONDITIONS, ALLOW FOR
EXPANSION.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

WORK/HYGIENIC PRACTICES: N/A

REVISION DATE: January 05, 2013

Prepared By:

DATE OF ISSUE: January 05, 2013

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