

MATERIAL SAFETY DATA SHEET

A = Safety Glasses
B = A + Gloves
C = B + Apron
D = C + Face Shield
E = B + Dust Mask

F = C + Dust Mask
G = B + Respirator
H = F + Goggles
I = B + Respirator
K = Ask Supervisor

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
Health... 3
Flammability... 0
Physical Hazard... 1
Protection... 0

Product Code: 708

Supersedes date: October 5, 2007

Section(s) changed: I, II, III, X

Effective date: September 22, 2008

PRODUCT NAME: 65200

GENERIC NAME: Dishwashing Detergent

DISTRIBUTORS NAME:

INFORMATION PHONE NUMBER: 314-771-8800

EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT:
CHEMTRAC #DD-424-89300

CHEMICAL FAMILY: Dishwashing Detergent
FORMULA: Proprietary Mixture
DISTRIBUTORS ADDRESS:

PROPER SHIPPING DESCRIPTION: Caustic alkali liquids, n.p.s., (Contains sodium hydroxide), § UN1719, II

LABEL: Corrosive

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	OTHER
Sodium Hydroxide	1310-73-2	<30	2 mg/m ³	2 mg/m ³	

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 212
Vapor Pressure (mm Hg): 17
Vapor Density (Air=1): 0.82
Evaporation Rate: (Water=1): GT 1.00
Solubility in Water: Complete
Physical Description: Clear Red Thin Liquid
Mild Odor

Specific Gravity: 1.25
Lbs/Gal Density: 10.41
pH Concentrate: 14
pH Use Dilution: 13

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): None
EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

SECTION V - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong Acids.
Hazardous Decomposition Products: If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER. POISON
Avoid all contact. Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse.

Carcinogenicity:

NE

SECTION VII - HEALTH HAZARDS AND FIRST AID

NTP?

NE

IARC Monographs?

NE

OSHA REGULATED?

YES

EFFECTS OF OVEREXPOSURE:
SKIN: Severe burns
EYES: Severe burns
INHALATION: Severe burns
INGESTION: Severe burns

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap & water for 15 minutes. See physician if burning persists.
EYES: Flush with flowing water for 15 minutes & see physician.
INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type) Normal room ventilation
VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.
PROTECTIVE GLOVES: Impervious rubber, alkali proof.
EYE PROTECTION: Splash proof chemical goggles or face shield.
OTHER PROTECTIVE EQUIPMENT: Impervious rubber boots & apron. Eye wash facilities. Safety Shower.
WORKHYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling. Shower at end of work period.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with dilute acid or sodium bicarbonate. Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

SAFE TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: SODIUM HYDROXIDE
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 88.

NE - Not Established NA - Not Applicable GT - Greater Than

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