

MATERIAL SAFETY DATA SHEET

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**EMERGENCY
PHONE NUMBER**
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SECTION: I TRADE NAME : AMMONIATED GLASS CLEANER CONC.
IDENTIFICATION CHEMICAL FAMILY : CLEANING COMPOUND
OF PRODUCT PRODUCT NUMBER : 5614
SHIPPING DESCRIPTION: CLEANING COMPOUND, NOS

SECTION: II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	CAS #
ISOPROPANOL	400 PPM	400 PPM	67-63-0
AMMONIA HYDROXIDE	50 PPM	400 PPM	1336-21-6

SECTION 313 - SUPPLIER NOTIFICATION:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:

CAS #	CHEMICAL NAME	% By Wt..
67-63-0	ISOPROPANOL	>10%
1336-21-6	AMMONIA HYDROXIDE	>5%

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT= >212 DEGREES F
SPECIFIC GRAVITY (H28=1)= .94
SOLUBILITY IN WATER= 100%
APPEARANCE= BLUE LIQUID
ODOR= ALCOHOL
VAPOR PRESSURE (mmHg)= N/A
VAPOR DENSITY (Air=1)= N/A
EVAPORATION RATE (Butyl Act=1) = N/A
POUNDS PER GALLON= 7.83

SECTION IV - FIRE AND EXPLOSION HAZARD DATA :

FLASH POINT= > 212 DEGREES F
EXTINGUISHING MEDIA= CO2, WATER SPRAY
SPECIAL FIRE FIGHTING= WEAR SELF-CONTAINED FULL-FACE
PROCEDURES= BREATHING APPARATUS
UNUSUAL HAZARDS= NONE KNOWN

SECTION V - REACTIVITY DATA:

STABILITY= STABLE
CONDITIONS TO AVOID= EXTREME TEMPERATURES
POLYMERIZATION= WILL NOT OCCUR
CONDITIONS TO AVOID= NONE
INCOMPATIBLE MATERIALS= STRONG ACIDS AND OXIDIZERS
HAZARDOUS DECOMPOSITION OR BY- PRODUCTS= CO2, CO,

SECTION VI - HEALTH HAZARDS DATA:

THRESHOLD LIMIT VALUE= NOT ESTABLISHED
CARCINOGENICITY= NTP= NO
IARC MONOGRAPHS= NO
OSHA REGULATED = NO
HEALTH HAZARDS ACUTE/CHRONIC = EYES: MODERATE TO SEVERE
IRRITATION AND POSSIBLE TISSUE DAMAGE DEPENDING ON EXPOSURE. NAUSEA,
VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN
CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.
EMERGENCY FIRST AID PROCEDURES =
INHALATION = MOVE TO FRESH AIR. CONSULT PHYSICIAN
IF SYMPTOMS PERSIST.
INGESTION = GIVE LARGE QUANTITIES OF WATER
THEN SEVERAL GLASSES OF MILK.
INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.
EYE CONTACT = FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF
WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY.
GET MEDICAL ATTENTION.
SKIN CONTACT = REMOVE CONTAMINATED CLOTHING
RINSE SKIN THOROUGHLY WITH SOAP AND WATER..

SECTION VII - PRECAUTIONS FOR SAFE HANDLING:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
LARGE SPILLS: CONTAIN SPILL AND PUMP TO RECOVER

SMALL SPILLS: SPILL CAN BE MOPPED UP, THEN FLUSH CONTAMINATED
AREA WITH PLENTY OF WATER.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE
WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
PRECAUTIONS TO TAKE IN HANDLING & STORAGE: STORE IN COOL, DRY PLACE
KEEP CONTAINER CLOSED WHEN NOT IN USE.
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

SECTION VIII - CONTROL MEASURES:

RESPIRATORY PROTECTION= NONE REQUIRED WITH ADEQUATE VENTING
VENTILATION= USE ADEQUATE CROSS VENTILATION
PROTECTIVE GLOVES= RECOMMENDED
EYE PROTECTION= RECOMMENDED
OTHER PROTECTIVE MEASURES= WASH HANDS THOROUGHLY AFTER USE.

MANUFACTURER:

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