LLSBORO ELEMENTARY SCHOOLS

MATERIAL SAFETY DATA SHEET CM 0065

NL /J

HILLS	30AO, OR 97123
	SECTION I
PRODUCT CODE NUMBER	*TLV:*TLV:
MANUFACTURER'S NAME: Moster Comical	EMERGENCY INFORMATION Maturacture's #: 503-288-683
manufacturers address <u>642 N. Tillatook St., Po</u>	rtland, OR
PRODUCT Industrial Amonia	COMMON NAME
GENERIC NAME	CHEMICAL NAME:
CHEMICAL FAMILY: Amonium Hydroxide, amonia water	DOT PROPER SHIPPING NAME Amonium Hydroxide
WARNING STATEMENTS	
SECTION	N II - INGREDIENTS
C.A.S.	# % TLV
NH ₃	4 % 50ppm - còcr detectable 700ppm - eve irritation. 1000-6500ppm - for sistaired period ray be fatal.
	III. (D) Other, (NE) Not Established (Units are in PPM unless otherwise specific
APPROXIMATE BOILING RANGE: 186°F	
VAPOR DENSITY: (Air = 1): .72	
SPECIFIC GRAVITY:	PERCENT VOLATILE: by volume: 4% Appearance and Odor: Water clear appearance; pungent APPROXIMATE BULK DENSITY initation odor.
SECTION IV - FIRE AN	ND EXPLOSION HAZARD DATA pH: 11.8
IFL: 16% by volume in air (NH3); UFL: 25% by volume FLASH POINT RANGE: None. Dilute with large volumes fire FIGHTING PROCEDURES: water — gas given off due heat can be explosive. UNUSUAL FIRE AND EXPLOSION HAZARDS. None except for	e in air (NH3). EXTINGUISHING MEDIA: Water of DOT FLAMMIBILITY to classification: CRM-A
SECTION V · EMERGENC	Y AND FIRST AID PROCEDURES
EYE CONTACT: <u>Immediately flush with lots of rurning</u>	water for 30 minutes.
SKIN CONTACT: Immediately flush skin with lots of nu	rning water for 30 minutes.

INHALATION Remove to fresh air. Give artificial respiration if not breathing.

INGESTION: Do not induce vomiting; if conscious give lots of water; IN ALL CASES GET IMPOLATE ATTENTION!

SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION	
ACUTE EFFECTS OSH Threshold Limit Value: 50 pm. ACTH Threshold Limit Value: 25 pm.	
Carcinogen - NIP Program: This material is not considered as carcinogen by either of the agencies.	_
SMPTONS OF EXPOSIRE: Inhalation-Coupling, chest pain, and difficulty in breathing may occur with brief exposure Eye: Vapors extremely irritating. Contact with mist or liquid severe damage to permanent injury CHRONIC EFFECTS (blindess) could cour. Son: Will cause irritation—prolonged contact will cause	
severe burns and tissue damage. MEDICAL CONDITIONS ACCRAVATED BY EXPOSIRE: Persons with pre-existing eye or	
pulmonary disease. Do not wear contact lenses when handling ammonia. PRIMARY ROUIES OF ENIRY: Inhalation, Scin	
SECTION VII - REACTIVITY DATA or eye contact.	
STABILITY (Conditions to Avoid): Stable, Heat, sparks, and open flames,	
INCOMPATIBILITY (Materials to Avoid): Acids, oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS. Nts on heating - conjustible products probably nitrogen oxygen.	
HAZARDOUS POLYMERIZATION (Conditions to Avoid): Will not congr.	
SECTION VIII - SPILL OR LEAK PROCEDURES	
Wear rubber gloves and goggles and proper breathing apparatus it necessary	
PROCEDURES IN CASE OF RELEASE OR SPILL: For small spills or drips, mop or wipe up and discose of in DOT-approved waste containers. Keep non-neutralized material out of severs, stoom drains, surface waters, and soil.	
Discose of contaminated product and material used in cleaning spills or leaks in a	
waste disposal метнов manner approved for this material. Consult appropriated Federal. State, and Iocal regulatory agencies to ascertain proper disposal procedures. NOTE: Hipty containers can have residues and are subject to proper waste disposal as above.	C
SECTION IX - SPECIAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION: NICSH approved carrister respirator.	
VENTILATION _ Exhaust ventilation capable of maintaining emissions at the point of use below PEL.	
PROTECTIVE GLOVES: Alkali-resistant slicker suit, rubber boots, gloves with gauntlets.	
EYE PROTECTION: Chemical goggles and full face shield.	
OTHER PROTECTIVE EQUIPMENT:	
SECTION X - STORAGE AND SPECIAL PRECAUTIONS	
HANDLING AND STORING PRECAUTIONS: Store in cool dry place. Vent containers frequently, and more often in warm	
weather, to relieve pressure. Keep container tightly closed when not in use. Do not use pressure to empty	
container. DO NOT GET IN EYS, ON SKIN OR ON CLOTHING.	
OTHER PRECAUTIONS: Do not out, grind, weld or drill on or near this container. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard	
warnings and handle empty containers as if they were full.	
SECTION XI - DOCUMENTARY INFORMATION	
PRODUCT CODE NUMBER:	
SSUE DATE:	. 120 . 25
REPLACES MSDS NUMBER:	- View
PREVIOUS PRODUCT CODE NUMBER:	
PREVIOUSLY ISSUED:	