



Chemical Name: Nochar's Fire Preventer

Manufacturer: Virginia KMP Corporation

Container size: 1qt.

Location: VLA

Disposal: Place empty container in trash.

MATERIAL SAFETY DATA SHEET

Manufacturer: Nochar, Incorporated
8650 Commerce Park Place Suite K
Indianapolis, Indiana 46268

Preparation Date: January 10, 2012
Date Sent to Customer:
Emergency Phone Number: (317) 613-3046
Other Information Calls: (317) 613-3052 FAX

Customer:

HAZARD RATINGS:

Health 1 Flammability 0
Reactivity 0 Protect. Equip. G
Special Hazard. .

SECTION I - GENERAL INFORMATION

Production Code nochar's Fire Preventer™
Chemical Name & Syn. Proprietary compounds in an aqueous solution
Trade Name & Syn. nochar's Fire Preventer™
Chemical Family. Proprietary - Trade Secret
DOT Shipping Name Not established (N.O.S.)
DOT Hazard Class. Non-Flammable

SECTION II - HAZARDOUS INGREDIENTS

TRADE/CHEMICAL NAME	CAS#	OCCUPATIONAL EXPOSURE LIMITS	WEIGHT %	VAPOR PRESSURE mm Hg @ Temp.
Ammonia	7664-41-7		1%	

NOTE: This product may liberate higher ammonia concentrations upon heating in the aqueous form.

SECTION III - PHYSICAL DATA

Boiling Point 212°F. (100°C.)
Specific Gravity (H₂O=1). 1.056
Vapor Pressure (mm Hg) (100°C.) 760 mm Hg (approx.)
Percent Volatile by Vol. (%) Less than 90%
Vapor Density (Air=1). Liquid heavier than air
Evaporation Rate Less than .01
Solubility in Water Solubility at 100%
pH. 7.1 to 7.7 (typical)
Appearance & Odor Clear amber liquid with ammonia odor

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point & Test Method Non-Flammable
Flammable Limits, % by Volume . . LEL: N/A UEL: N/A
This compound is classified as a fire retardant.
Auto Ignition Temperature LEL. . . N/A
Auto Ignition Temperature UEL. . . N/A
Extinguishing Media N/A

Special Fire Fighting: Should be tested atmospherically before entering fire proximity.

Unusual Fire & Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Acute. None
Chronic Slight eye irritant
Symptoms of Exposure. (Dusts) Eye irritation & redness; nasal irritation, sore throat, coughing, slight dryness to skin
Medical Cond. Aggravated by Exp. Not established (personnel should be screened for allergies to ammonia)

compounds).

Carcinogen - NTP Program No

Carcinogen - IARC Program No

Primary Route(s) of Entry

1. Inhalation: Remove from proximity of chemical and to fresh air.
2. Eyes: Flush with large volume of water to dilute irritant; eye injuries should be attended by medical personnel.
3. Skin: Wash with soap and water - avoid open cuts and abrasions when handling this liquid.
4. Ingestion: Drink large volumes of water.

SECTION VI - REACTIVITY DATA

Stability - Unstable

Stable This is a stable material

Condition to Avoid Not established

Incompatibility Strong acids

Hazardous Decomposition Products Ammonia gases, carbon dioxide

Hazardous Polymerization

May Occur.

Will Not Occur. X

Conditions to Avoid High heat at elevated pressures

SECTION VII - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage: Keep isolated from extreme heat while in sealed containers.

Other precautions. None

Steps to be taken in case material is released or spilled:

Large Spills: Dike with absorbents and/or bonding agents to prevent spread.

Small Spills: May be diluted and washed away. Always consult State and Federal regulations or local codes before disposing of any chemical compound.

Waste disposal methods: (Consult Federal, State and Local Regulations) Minor spills that are cleaned up are not considered hazardous substances. Consult applicable regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify type): In dusts; Class "2B" particulate filter respirator

Ventilation: Meet OSHA PEL

Local Exhaust: Meet OSHA PEL

Special: None

Protective Gloves: Use vinyl or rubber in repeated contact with skin

Eye Protection: For liquids monogoggle or safety glasses with side shields

Other Protective Clothing or Equipment: None specified

Work/Hygienic Practices: Always wash person and clothes as normal hygienic practices after using

SPECIAL PRECAUTIONS: Personnel susceptible to allergenic reactions or known chemical sensitivities should consult their supervisor for a review of these conditions prior to exposure to this material, to determine any potential susceptibility or abnormal reactions.

The manufacturer has provided the contained information in this Material Safety Data Sheet (MSDS) to communicate physical property, health, and safety information as a vital part of our Product Safety Information Program. It is intended that you may better fulfill your obligation to educate and alert exposed personnel in the proper handling techniques necessary to maintain safety in their work environment. The manufacturer, however, recommends that the user of this product consult experts in the fields of ventilation, toxicology, fire and insurance to adequately interpret and utilize the data and information contained in this MSDS.

**SARA TITLE III
SECTION X - SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE FOLLOWING 313 CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT AND OF 40 CFR 372: SARA III (SECTION 312 -313)

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
7664-41-7	Ammonia	1%

(NOTE: Deminimis conc. for mixtures may require reporting this compound)

DISCLAIMER: The information contained herein is based on the data available to us and is believed to be correct. However, the manufacturer makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof, and assumes no responsibility for injury from the use of the product described herein. The manufacturer assumes no liability for incidental, consequential or direct damage of any manner or kind, regardless of cause, including negligence.

On February 27, 1988, the first phase of Proposition 65 regulations involving warnings of the presence of certain listed chemicals went into effect.

The manufacturer believes that the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in the manufacturer's products. Based on a review of the list, the manufacturer's products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to the manufacturer's products as ingredients, some listed chemicals may be present in the raw materials and received from suppliers and over which we have no control.

Therefore, even though some of the listed substances may not represent a significant risk as defined by the regulations, in order to comply with the California law, we feel obligated to make the following statement:

"WARNING": This product(s) may contain trace amounts of some chemicals considered by the State of California to be carcinogens or reproductive toxicants.