

MATERIAL SAFETY DATA SHEET

S-400, 500, 5000 QS, & LT PART B CATALYST

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
PO BOX 90
81 ARBOR ROAD
MINERVA, OH 44657

PROPER SHIPPING NAME:
Corrosive Liquid, N.O.S. (Aliphatic Polyamine)

INFORMATION PHONE: 330-868-6463
EMERGENCY PHONE: 330-223-1511
PRODUCT NAME: S-400, 500, 5000 QS, & LT PART B CATALYST
PRODUCT NUMBER: 52-00-9045B
UPC NUMBER:

UN NUMBER:
UN NUMBER: UN 1760
HAZARD CLASS: 8
PACKING: II

HMIS INFORMATION:
HEALTH: 2

PREPARED BY: Safety Manager

FLAMMABILITY: 1

DATE PREPARED: 3/13/00

REACTIVITY: 0

LAST REVISION: 2/15/94

PROTECTIVE: G

SYNONYMS: REACTION PRODUCT OF TEPA AND TALL OIL

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
ALIPHATIC AMINE ADDUCT	68400668	N/E	N/E
SILICA, CRYSTALLINE - QUARTZ	14808607	PEL = SEE TABLE Z-3	TLV = 0.1mg/M3 respirable dust

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation. Prolonged exposure may cause permanent damage.

INHALATION: Irritating to the nose, throat, and respiratory tract. Choking, coughing, and headache may occur.

INGESTION: Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.

SKIN CONTACT: Prolonged exposure may cause severe irritation including redness and burns.

SIGNS AND SYMPTOMS OF EXPOSURE:

Irritation and/or difficulty breathing, irritation of eyes, skin, mouth and/or nasal passages, possible headache.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

INGESTION: If swallowed, drink large amounts of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

SKIN CONTACT: Wash affected area with soap and water. If irritation persists, get medical attention.

AGGRAVATED MEDICAL CONDITIONS:

Dermatitis and sensitization can occur from repeated and prolonged contact.

SUPPLEMENTAL HEALTH INFORMATION:

This material may cause sensitization from repeated handling without the use of proper protective equipment. Sensitized individuals will have varied allergic reactions to this material or vapors from this material as a life-long, temporary allergic reaction once sensitized.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 400 F

FLASH POINT METHOD USED: Not Available

AUTOIGNITION:

LEL:

UEL:

EXTINGUISHING MEDIA:

Dry chemical, foam, Co2.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of a positive pressure, SCBA is recommended for firefighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

none known

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Wipe up small spills. Contain and absorb large spills. Dispose of in accordance with Federal, State, and Local regulations, in solids landfill where applicable.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from food and drinking water. Keep container closed when not in use.

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Wear appropriate respirator complying with NIOSH and other appropriate regulations.

VENTILATION:

Controlling airborne concentration below the ACGIH TLV exposure guideline is recommended. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

PROTECTIVE GLOVES:

Impervious gloves and splash aprons recommended.

EYE PROTECTION:

Safety glasses with side shields (or goggles) as appropriate.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Where splashing is possible, wear protective apron

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER: SLIGHT

APPEARANCE AND ODOR: Heavy granular paste with ammonia odor. (Color Varies)

BOILING POINT: N/A	PERCENT VOLATILE:
VAPOR PRESSURE: N/A	PH:
EVAPORATION: Not Determined.	MOLECULAR WEIGHT:
POUNDS PER GALLON:	VAPOR DENSITY: Lighter Than Air
SPECIFIC GRAVITY: 1.7	OTHER PROPERTIES:
MELTING POINT:	
FREEZING POINT: 30 F	

10. STABILITY AND REACTIVITY

STABLE:

Stable

INCOMPATIBILITY:

Avoid uncontrolled contact with strong oxidizing agents, mineral acids, and epoxy resins.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

None reported.

HAZARDOUS POLYMERIZATION:

May Occur

11. TOXICOLOGY INFORMATION

Not Available

12. ECOLOGICAL INFORMATION

Keep container closed when not in use. This material may have a desirable odor and taste to animals and may cause severe injury and/or death to such animals when ingested in this concentrated form.

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water. Use absorbent to remove small spill amounts.

14. TRANSPORTATION INFORMATION

DOT CLASS: Corrosive Liquid, N.O.S. (Aliphatic Polyamine)
HAZARD CLASS: 8
UN NUMBER: UN 1760
PACKING: II
GUIDE NUMBER: 60
PROPER SHIPPING NAME: Corrosive Liquid, N.O.S. (Aliphatic Polyamine)

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMS INFORMATION: **HEALTH:** 2 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **PROTECTIVE:** G

Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.