



## MATERIAL SAFETY DATA SHEET

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CHEMTREC 24 HOUR EMERGENCY NUMBER 1-800-424-9300

Product.....> BLH-701AS

### Section 1: Material Identification

Chemical Family..... NA (mixture)  
DOT Ship Name..... Corrosive liquid, ,n.o.s.  
Contains sodium hydroxide & cyclohexylamine  
DOT Hazard Class..... 8, PG II, Corrosive, UN1760  
Date Revised..... October 24, 1996

### Section 2: Ingredient and Hazards

Hazardous Classification: corrosive

<u>Ingredients</u>	<u>Percent</u>	<u>Limits (TLV)</u>
Sodium hydroxide (CAS 1310-73-2)	10-15	2 mg/M <sup>3</sup>
Cyclohexylamine (CAS 108-91-8)	1-5	40 mg/M <sup>3</sup> TWA = 10 ppm

### Section 3: Physical Data

Boiling Point..... >212°F  
Specific Gravity..... 1.25  
Vapor Pressure..... 17 mm Hg 68°F  
Evaporation Rate..... 1.0 (Water=1)  
Vapor Density..... 1.0 (AIR=1)  
Measured pH (neat).... 13-14  
Appearance..... clear, dark amber liquid  
Odor..... slight amine odor

Abbreviation: n/a = not applicable

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### Section 4: Fire and Explosion Data

Flash Point, F, COC.....	not combustible
Flammable Limits.....	LEL: n/a UEL: n/a
Auto Ignition Temp....	n/a
Extinguishing Media...	As suitable for surrounding fire.
Special Procedures....	Use SCBA with full face shield
Unusual Fire Hazards..	If heated above boiling, amine vapors may ignite in presence of other fire.

### Section 5: Health Hazard Data

Carcinogen..... no

\* EFFECTS OF EXPOSURE \* Primary Route of Exposure: DERMAL

Eye Contact..... Causes moderate to severe irritation with possible permanent damage. Seek medical attention.

Skin Contact..... Causes irritation and possible burns with prolonged exposure.

Inhalation..... Possibly irritating to mucous membranes of the nose, throat and lungs.

Oral..... Nausea, corrosion of mucosal and gastric tissue.

#### \* EMERGENCY FIRST AID \*

Eyes..... Flush with water 15 minutes while holding lids open, seek medical attention.

Skin..... Flush with water 15 minutes, remove contaminated clothing. Get medical attention.

Inhalation..... Move to fresh air, get medical attention.

Ingestion..... DO NOT induce vomiting. Rinse mouth with plenty of water, do not swallow anything by mouth. Get immediate medical attention.

Abbreviation: n/a = not applicable

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### Section 6: Reactivity Data

Stability..... Stable

Incompatibility..... Acids, oxidizing and reducing agents

Decomposition Products.. Thermal decomposition may release oxides of nitrogen and carbon.

Hazardous Polymerization will not occur

### Section 7: Environmental Protection Procedures

Spill..... Wear suitable protective clothing while cleaning spills. Absorb spills onto sand or other absorbent material. Shovel into closable containers. Do not allow contact with natural waterways.

Waste Disposal..... Dispose to an approved waste treatment facility following proper federal, state or local regulations where applicable.

### Section 8: Control Measures/Special Protection

Respiratory Protection.. Use with adequate ventilation.

Ventilation Recommended. Provide local exhaust.

Protective Gloves..... Chemical or solvent resistant material.

Eye Protection..... Chemical goggles or face shield.

Other Equipment..... Safety/eye wash nearby.

Work/Hygienic Practices: Wash thoroughly with soap after handling.

Abbreviation: n/a = not applicable

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### Section 9: ADDITIONAL INFORMATION

#### HMIS Rating Code: HMIS

Health..... 3	0 = minimal
Flammability..... 0	1 = slight
Reactivity..... 0	2 = moderate
Personal Protection... C	3 = serious
	4 = severe
	C = safety glasses, rubber gloves and apron

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