

Date prepared: 2-28-13
Revision date: 2-28-13
Part number: P-300.01
Emergency number: 800-424-9300

AHIB160

Material safety data sheet

1. Identification

Product name: AHIB160
Chemical family: Alcohols
Product use: Corrosion inhibitor for hydrochloric acid

2. Hazardous ingredients

HAZ INGREDIENT	%	CAS NUMBER	PEL
METHANOL	> 50 %	67-56-1	Not Available
PROPARGYL ALCOHOL	2 - 4 %	107-19-7	Not Available

3. Physical data

Appearance: Tan to brown clear liquid.
Odor: Sweet, alcoholic
Flashpoint: 54 °F
Specific gravity (water=1): 0.83
Ph (1% soln/water): 4 - 5
Wt: 6.95 # Per gallon

4. Fire and explosion data

Flashpoint: 54 °F
Flammable hazards: Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distances to sources of ignition and flash back. When heated to decomposition, it emits acrid smoke and irritating fumes.
Extinguishing media: Flammable liquid, soluble or dispersed in water.
Fire fighting procedures: Small fire - use dry chemical powder.
Large fire - use alcohol foam, water spray or fog.
Explosion hazards: Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition, it emits acrid smoke and irritating fumes.

5. Reactivity data

Stability: This product is stable.
Incompatibilities: Reactive with oxidizing agents, acids. Slightly reactive to reactive with moisture.

6A Health hazard data

Route of entry: Dermal contact. Eye contact. Inhalation. Ingestion.
Acute effect on humans: The substance is toxic to the nervous system.
Chronic effects on humans: Passes through the placental barrier. Reproductive Toxicant.

6B First aid

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- Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention. Hazardous Inhalation - Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waist band. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.
- Ingestion:** Remove dentures if any. Watch for an obstruction in the victim's mouth. Remove if possible what is causing the obstruction but do not force fingers or a hard object between the victim's teeth. Have conscious person drink several glasses of water or milk. DO NOT induce vomiting unless directed to do so by medical personnel. Seek immediate medical attention.
- Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
- Skin Contact:** If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Neutralize exposed skin with a dilute solution of sodium carbonate. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Hazardous Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

7. Spill, storage and disposal data

- Spill:** Small Spill and Leak - Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container.
Large Spill and Leak - Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
- Waste Disposal:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
- Handling:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
- Storage:** Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place. A refrigerated room would be preferable for materials with a flash point lower than 37.8 °C (100 °F).

8. Protective clothing

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Respiratory protection: Be sure to use an approved/certified respirator or equivalent.

Protective clothing/equipment: Apron/Lab coat. Gloves.

9. Transportation data

UN number: 1993
Proper shipping name: Flammable liquid, n.O.S.,(Contains methanol, Propargyl Alcohol)
Hazard class: 3
Packaging group: II
Rq: 5000 Lbs. (Methanol)
Dot shipping: UN1993, Flammable liquid, n.o.s. (Contains methanol, Propargyl Alcohol), 3, pg II

10. Other regulatory information

TSCA status: All components of this product are listed on the TSCA inventory.
NFPA health: 2
NFPA flammability: 3
NFP reactivity: 1

11. Additional information

For additional information on the use of this product, contact your local archer representative.

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