



ACC H200 Fast

SECTION 1: IDENTIFICATION

Product Identifier

Product Name ACC H200 FAST

Recommended Use Amine mixture used as catalyst for polyurethane resin.

Supplier Details

Name Alchatek
Address 4508 Bibb Blvd
Tucker, GA 30084

Telephone (404) 618-0438

Emergency Phone Numbers

Call CHEMTREC Day or Night
1-800-424-9300
+1 703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the substance or mixture

Acute toxicity (oral)	Category 4	H302
Acute toxicity (inhalation-mist)	Category 4	H332
Skin Corrosion	Category 1B	H314
Eye Damage	Category 1	H318

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Pictogram



Signal Word: Danger

Hazard Statement

H311 Toxic in contact with skin.

H332 Harmful if inhaled.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Precautionary Statement (Prevention)

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P271 Use only outdoors or in a well-ventilated area.

P260 Do not breathe mist or vapour.

P260 Do not breathe dust or mist.

P270 Do not eat, drink or smoke when using this product.

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statement (Response)

P310 Immediately call a POISON CENTER or doctor/physician.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P352 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Precautionary Statement (Storage)

P405 Store locked up.

Precautionary Statement (Disposal)

P501 Dispose of contents/container to hazardous or special waste collection point.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
Bis(2-dimethylaminoethyl) ether	3033-62-3	1-15%	ACGIH (TWA): 0.05 ppm ACGIH (STEL): 0.15 ppm
Hexadecyl-N, N dimethylamine, N- Trade secret	112-69-6 *	10-30% 25-65%	Oral LD50 (Rat): 1600 mg/kg *

POTENTIAL HEALTH EFFECTS

EYES:	Can Cause eye burns. May cause blindness. Severe eye irritation.
SKIN:	Can cause skin burns.
INHALATION:	May cause nose, throat, and lung Irritation.
INGESTION:	Harmful if swallowed. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
HAZARD STATEMENTS:	WARNING, CORROSIVE, SEVERE EYE IRRITANT, SEVERE RESPIRATORY IRRITANT, SEVERE SKIN IRRITANT, SENSITIZER

SECTION 4: FIRST AID MEASURES

EYES:	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open. Consult a medical eye specialist.
SKIN:	Immediately wash thoroughly with plenty of water, apply sterile dressings. Consult a medical skin specialist. Remove contaminated clothing immediately.
INHALATION:	Move to fresh air. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
INGESTION:	Prevent aspiration of vomit. Turn victim's head to the side. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media: carbon dioxide, limestone powder, dry chemical, alcohol resistant foam.

Special Hazards Arising from the Substance

May generate ammonia gas.

May generate toxic nitrogen oxide gases.

Do not allow run-off from firefighting to enter drains or water courses.

Incomplete combustion may form carbon monoxide.

Fire or intense heat may cause violent rupture of packages.

Flash back possible over considerable distance.

May form explosive mixtures in air.

Downwind personnel must be evacuated.

Burning produces noxious and toxic fumes.

In the event of fire, cool tanks from water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate personnel to safe areas.

Use personal protective clothing, gloves, eye/face, and appropriate respiratory protection.

Ensure adequate ventilation.

Environmental Precautions

Do not discharge into drains, surface waters, or groundwater.

Construct a dike to prevent spreading.

This product is not regulated by RCRA.

This product is not regulated by CERCLA ('superfund').

Methods and Material for Containment and Clean Up

Call emergency response number for advice. see section 1.

Absorb with appropriate inert absorbant materials.

If possible, stop flow of product.

Prevent from entering sewers, basements and work pits, or any place where its accumulation can be dangerous.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING:	Use personal protective equipment. See "Flammable and Combustible Liquid Code" NFPA No. 30, National Fire Protection Association, Boston, MA. Avoid contact with skin and eyes. Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Prevent electrostatic charge. Fire extinguisher should be kept near.
HYGIENE MEASURES:	Provide readily accessible eye wash stations and safety showers.
GENERAL PROTECTIVE MEASURES:	Discard contaminated leather articles. Provide readily accessible eye wash stations and safety showers. Wash hands at the end of each workshift and before eating, smoking or using the toilet.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE:	Do not store near acids and acid forming substances. Keep containers tightly closed in a dry, cool and well-ventilated place. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat and sources of ignition. Keep in a dry, cool place. Keep away from oxidizers. Do not store in reactive metal containers. Keep away from open flames, hot surfaces and sources of ignition.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Occupational Exposure Limits

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term
Isopropanol	67-63-0	ACGIH (01 2006)			
	Listed.				
		NIOSH (2010)	REL	400 ppm 980 mg/m3	
		NIOSH (2010)	STEL	500 ppm 1,225 mg/m3	
		NIOSH (2010)			
	Listed.				
		OSHA Z1 (03 2016)	PEL	400 ppm 980 mg/m3	
		OSHA Z1 (02 2006)			
	Listed.				
		OSHA Z1A (1989)	TWA	400 ppm 980 mg/m3	
		OSHA Z1A (1989)	STEL	500 ppm 1,225 mg/m3	
		OSHA Z1A (1989)			
	Listed.				
		US CA OEL (02 2012)			
	Listed.				
		US CA OEL (02 2012)	TWA PEL	400 ppm 980 mg/m3	
		US CA OEL (02 2012)	STEL	500 ppm 1,225 mg/m3	

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	ACGIH (03 2016)	TWA	200 ppm	
	ACGIH (03 2016)	STEL	400 ppm	
	ACGIH (03 2012)			
Listed.				
	TX ESL (03 2012)	ST ESL	4920 µg/m ³	1 hour
	TX ESL (03 2012)	ST ESL	2000 ppb	1 hour
	TX ESL (03 2012)	AN ESL	492 µg/m ³	
	TX ESL (03 2012)	AN ESL	200 ppb	
	TX ESL (03 2012)			
Listed.				
	TN OEL (06 2008)	TWA	400 ppm 980 mg/m ³	
	TN OEL (06 2008)	STEL	500 ppm 1,225 mg/m ³	

ENGINEERING CONTROLS Provide readily accessible eyewash stations and safety showers.
Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES/FACE: Wear tightly fitting safety goggles.

SKIN: Gloves – neoprene, nitrile rubber, butyl rubber. Impermeable protective clothing should be selected.

RESPIRATORY: When the product is sprayed or heated without adequate ventilation, an approved MSHA/NIOSH positive-pressure, supplied-air respirator may be required.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

ODOR:	Amine-like
PHYSICAL STATE:	Clear to light yellow liquid
BOILING POINT:	>340 °F
VAPOR PRESSURE:	not available
EVAPORATION RATE:	not available
SOLUBILITY (H ₂ O):	partially soluble

SECTION 10: CHEMICAL STABILITY & REACTIVITY INFORMATION

CHEMICAL STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Heat, flames and sparks.
HAZARDOUS DECOMPOSITION:	By high heat and fire: carbon dioxide, carbon monoxide, ammonia, aldehydes, and oxides of nitrogen.
HAZARDOUS POLYMERIZATION:	Polymerization may occur at elevated temperatures in the presence of alkalis, tertiary amines and metal compounds.
INCOMPATIBILITY:	Sodium hypochlorite, organic acids (i.e. acetic acid, citric acid etc.), mineral acids, reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Reactive metals (e.g. sodium, calcium, zinc etc.), materials reactive with hydroxyl compounds, oxidizing agents, acids, alkalies

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (ORAL):	LD50 (rat) 609 mg/kg
ACUTE TOXICITY (INHALATION):	LC50 (4 h, rat) 3.3 - 4.4 mg/L
ACUTE TOXICITY (DERMAL):	No data is available on the product.

Severe skin irritation. Severe eye irritation. Corneal edema may give rise to "blue haze" or "fog" around lights (has no known residual effect).

SECTION 12: ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY: No data available.

CHRONIC AQUATIC TOXICITY: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Chemical waste, even in small quantities, should never be discarded down drain, sewers, or waterways.

SECTION 14: TRANSPORTATION INFORMATION

DOT

UN/ID No.: UN 2922
Proper Shipping Name: Corrosive Liquid, Toxic, N.O.S. (Bis(2-dimethylaminoethyl)ether)
Class or Division: 8
Packing Group: II
Label(s): 8 (6.1)
Marine Pollutant: No

IATA

UN/ID No.: UN 2922
Proper Shipping Name: Corrosive Liquid, Toxic, N.O.S. (Bis(2-dimethylaminoethyl)ether)
Class or Division: 8
Packing Group: II
Label(s): 8 (6.1)
Marine Pollutant: No

IMDG

UN/ID No.: UN 2922
Proper Shipping Name: Corrosive Liquid, Toxic, N.O.S. (Bis(2-dimethylaminoethyl)ether)
Class or Division: 8
Packing Group: II
Label(s): 8 (6.1)
Marine Pollutant: No

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TDG

UN/ID No.: UN 2922
Proper Shipping Name: Corrosive Liquid, Toxic, N.O.S. (Bis(2-dimethylaminoethyl)ether)
Class or Division: 8
Packing Group: II
Label(s): 8 (6.1)
Marine Pollutant: No
Quart packaging ships as ORM-D

SECTION 15: REGULATORY INFORMATION

OSHA STATUS: This product is hazardous under the criteria of Federal OSHA. Hazard Communication. Standard 29 CFR 1910.1200.

US FEDERAL REGULATIONS: All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA - Section 313 - Emission Reporting: No SARA hazards

SECTION 16: OTHER INFORMATION

HMIS RATINGS:

Health 3
Flammability 1
Reactivity 1
Protection C

Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Alchatek be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Alchatek has been advised of the possibility of such damages.