Date prepared: 2-28-13
Revision date: 2-28-13
Part number: P-209.01
Emergency number: 800-424-9300

AGEL150
Material safety data sheet

1. Identification

Product name:	AGEL150
Chemical family:	Petrochemical
Product use:	Petrochemical industry – gelling agent for hydrochloric acid

2. Hazardous ingredients

HAZ INGREDIENT	%	CAS NUMBER	PEL
ALKOXYLATED AMINES	30 – 40 %	Mixture	Not Available
METHANOL	40 – 50 %	67-56-1	Not Available

3. Physical data

Appearance:	Amber to brown liquid.
Odor:	Cinnamon like
Flashpoint:	59 °F
Vapor density (air=1):	1.1
Specific gravity (water=1):	0.88
Ph (1% soln/water):	4.5-5.5
Solubility:	Hot water, methanol, diethyl ether
Wt:	7.34 # Per gallon

4. Fire and explosion data

Flashpoint:	59 °F
Flammable limits:	Lower – 6 % (methanol) Upper – 36.5 %
Flammable hazards:	Flammable to highly flammable in presence of open flames and sparks, of heat, of combustible materials.
Extinguishing media:	Flammable liquid, soluble or dispersed in water.
Fire fighting procedures:	Small fire – use dry chemicals, CO2, water spray or alcohol foam.
	Large fire – use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosion.
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:	Highly flammable in presence of oxidizing materials, of reducing materials.

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6A Health hazard data

Route of entry: Ingestion, skin contact, inhalation.

Acute effect on humans: Very dangerous in case of eye contact, skin contact (irritant), inhalation.

Chronic effects on humans: The substance is toxic to the reproductive system and the nervous system.
This substance is not toxic to blood, kidney or lungs.
Passes through the placental barrier.

6B First aid

Ingestion: Do not induce vomiting. Have conscious person drink several glasses of water or milk. 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 victims exposed skin, such as the hands: 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.

7. Spill, storage and disposal data

Small spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: neutralize the residue with a dilute solution of sodium carbonate.

Large spill: Keep away from heat. Keep away from sources of ignition.
Stop leak if without risk. If the product is in its solid form: use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: absorb with dry earth, sand or other non–combustible material. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Neutralize the residue with a dilute solution of sodium carbonate.

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.

Storage: Keep containers tightly closed. Keep away from source of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas, fumes, vapor or spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles as agents. Keep container tightly closed. Keep in a cool, well–ventilated place. A refrigerated room would be preferable for materials with a flash point lower than 37.8 °C (100 °F).

8. Protective clothing

Respiratory protection: Use MSHA/NIOSH approved respirator or equivalent

Protective clothing/equipment: Apron/lab coat, safety glasses, boots, gloves.

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9. Transportation data

UN number: 1993

Proper shipping name: Flammable liquid, n.O.S.,(Contains methanol)

Hazard class: 3

Packaging group: II

Rq: 5000 Lbs. (Methanol)

Dot shipping: UN1993, Flammable liquid, n.o.s. (Contains methanol), 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: 0

11. Additional information

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

DISCLAIMER STATEMENT

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Archer