



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>ACCU-VIS®</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Manufacturer</b>	
<b>Company name</b>	CETCO, an MTI Company
<b>Address</b>	2870 Forbs Avenue Hoffman Estates, IL 60192 United States
<b>Telephone</b>	General Information 800 527-9948
<b>Website</b>	<a href="http://www.cetco.com/">http://www.cetco.com/</a>
<b>E-mail</b>	<a href="mailto:safetydata@mineralstech.com">safetydata@mineralstech.com</a>
<b>Emergency phone number</b>	Emergency 1.866.519.4752/1 760 476 3962
<b>Supplier</b>	Not available.

## 2. Hazard identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.

### Label elements

<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	The mixture does not meet the criteria for classification.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep out of reach of children. Read label before use.
<b>Response</b>	If medical advice is needed, have product container or label at hand.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

**Other hazards** None known.

**Supplemental information** 13% of the mixture consists of component(s) of unknown acute oral toxicity. 13% of the mixture consists of component(s) of unknown acute dermal toxicity. 38% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 35% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

### Mixtures

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC [BASEOIL UNSPECIFIED] (CONC>=0.1%)		64742-52-5	20 - < 30
Alcohols, C11-14-iso-, C13-rich, Ethoxylated		78330-21-9	3 - < 5
Other components below reportable levels			70 - < 80

### Constituents

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
2-PROPENOIC ACID, SODIUM SALT, POLYMER WITH 2-PROPENAMIDE		25085-02-3	

## Constituents

Chemical name	Common name and synonyms	CAS number	%
Acrylamide		79-06-1	0 - 0.05

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

#: This substance has been assigned Community workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. \*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments** Occupational Exposure Limits for constituents are listed in Section 8. The full text for all R- and H-phrases is displayed in section 16. For the full text of the R phrases mentioned in this Section, see Section 15.

## 4. First-aid measures

### Inhalation

If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist. Not likely, due to the form of the product.

### Skin contact

Remove and isolate contaminated clothing and shoes. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

### Ingestion

Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

### Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

### General information

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

### Suitable extinguishing media

Alcohol resistant foam. Powder. Dry chemical, CO<sub>2</sub>, water spray or regular foam.

### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

### Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

### Special protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Fire fighting equipment/instructions

Move containers from fire area if you can do so without risk.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### General fire hazards

No unusual fire or explosion hazards noted.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**

Stop leak if you can do so without risk. Extinguish all flames in the vicinity. Use water spray to reduce vapors or divert vapor cloud drift.

Large Spills: Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Forms smooth, slippery surfaces on floors, posing an accident risk.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Do not flush into surface water or sanitary sewer system.

**7. Handling and storage****Precautions for safe handling**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Forms smooth, slippery surfaces on floors, posing an accident risk.

**Conditions for safe storage, including any incompatibilities**

Store at room temperature in the original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits****US. ACGIH Threshold Limit Values**

Constituents	Type	Value	Form
Acrylamide (CAS 79-06-1)	TWA	0.03 mg/m <sup>3</sup>	Inhalable fraction and vapor.

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Constituents	Type	Value
Acrylamide (CAS 79-06-1)	TWA	0.03 mg/m <sup>3</sup>

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

Constituents	Type	Value	Form
Acrylamide (CAS 79-06-1)	TWA	0.03 mg/m <sup>3</sup>	Vapor and aerosol, inhalable.

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

Constituents	Type	Value	Form
Acrylamide (CAS 79-06-1)	TWA	0.03 mg/m <sup>3</sup>	Inhalable fraction and vapor.

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

Constituents	Type	Value	Form
Acrylamide (CAS 79-06-1)	TWA	0.03 mg/m <sup>3</sup>	Inhalable fraction and vapor.

**Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)**

Constituents	Type	Value
Acrylamide (CAS 79-06-1)	TWA	0.03 ppm

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines****Canada - Alberta OELs: Skin designation**

Acrylamide (CAS 79-06-1) Can be absorbed through the skin.

**Canada - British Columbia OELs: Skin designation**

Acrylamide (CAS 79-06-1) Can be absorbed through the skin.

**Canada - Manitoba OELs: Skin designation**

Acrylamide (CAS 79-06-1)

Can be absorbed through the skin.

**Canada - Ontario OELs: Skin designation**

Acrylamide (CAS 79-06-1)

Can be absorbed through the skin.

**Canada - Quebec OELs: Skin designation**

Acrylamide (CAS 79-06-1)

Can be absorbed through the skin.

**Canada - Saskatchewan OELs: Skin designation**

Acrylamide (CAS 79-06-1)

Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Acrylamide (CAS 79-06-1)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear chemical goggles and face shield.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear oil-impervious garments if contact is unavoidable. Wear appropriate chemical resistant clothing. Use impervious gloves.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Keep away from food, drink and animal feeding stuffs. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Use good industrial hygiene practices in handling this material. Eye wash fountain and emergency showers are recommended.

**9. Physical and chemical properties****Appearance**

Viscous.

**Physical state**

Liquid.

**Form**

Liquid.

**Color**

White.

**Odor**

Petroleum

**Odor threshold**

Not available.

**pH**

5 - 8

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling range**

&gt; 212 °F (&gt; 100 °C)

**Flash point**

Does not flash

**Evaporation rate**

Not available.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

Not available.

**Flammability limit - upper (%)**

Not available.

**Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.

**Vapor pressure**

Not available.

**Vapor density**

0.8

**Relative density**1 - 1.2 g/cm<sup>3</sup>

<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	302 °F (150 °C)
<b>Viscosity</b>	20.5 mm <sup>2</sup> /s
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flammability class</b>	Combustible IIIA estimated
<b>Flash point class</b>	Combustible IIIA
<b>Oxidizing properties</b>	Not oxidizing.
<b>Specific gravity</b>	1.1

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials. Extremes of temperature and direct sunlight. Do not freeze.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Toxic gas. At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed. Expected to be a low ingestion hazard. However, ingestion is not likely to be a primary route of occupational exposure.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Exposure may cause temporary irritation, redness, or discomfort.
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### Information on toxicological effects

<b>Acute toxicity</b>	Not known.
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Product	Species	Test Results
ACCU-VIS®		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	5467 mg/kg
<b>Inhalation</b>		
LC50	Rat	6.229 mg/l/4h
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC [BASEOIL UNSPECIFIED] (CONC>=0.1%) (CAS 64742-52-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	2.18 mg/l/4h

Components	Species	Test Results
<b>Oral</b> LD50	Rat	5000 mg/kg
Constituents	Species	Test Results
Acrylamide (CAS 79-06-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	400 mg/kg
<b>Oral</b>		
LD50	Rat	124 mg/kg
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation. Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	Carcinogenic effects are not expected as a result of occupational exposure.	
<b>ACGIH Carcinogens</b>		
Acrylamide (CAS 79-06-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.	
<b>Canada - Manitoba OELs: carcinogenicity</b>		
Acrylamide (CAS 79-06-1)	Confirmed animal carcinogen with unknown relevance to humans.	
<b>Canada - Quebec OELs: Carcinogen category</b>		
Acrylamide (CAS 79-06-1)	Suspected carcinogenic effect in humans.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Acrylamide (CAS 79-06-1)	2A Probably carcinogenic to humans.	
<b>US. National Toxicology Program (NTP) Report on Carcinogens</b>		
Acrylamide (CAS 79-06-1)	Reasonably Anticipated to be a Human Carcinogen.	
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not an aspiration hazard.	
<b>12. Ecological information</b>		
<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
Components	Species	Test Results
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC [BASEOIL UNSPECIFIED] (CONC>=0.1%) (CAS 64742-52-5)		
<b>Aquatic</b>		
Crustacea	EC50	Daphnia 1000.0001 mg/L, 48 Hours
Fish	LC50	Fish 5000.0001 mg/L, 96 Hours
Constituents	Species	Test Results
Acrylamide (CAS 79-06-1)		
<b>Aquatic</b>		
Crustacea	EC50	Daphnia 98 mg/L, 48 Hours
Fish	LC50	Bluegill (Lepomis macrochirus) 81 - 150 mg/l, 96 hours
		Fish 109 mg/L, 96 Hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	

<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### **TDG**

Not regulated as dangerous goods.

#### **IATA**

Not regulated as dangerous goods.

#### **IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

### 15. Regulatory information

**Canadian regulations** This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

#### **Controlled Drugs and Substances Act**

Not regulated.

#### **Export Control List (CEPA 1999, Schedule 3)**

Not listed.

#### **Greenhouse Gases**

Not listed.

#### **Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)**

Acrylamide (CAS 79-06-1)

#### **Precursor Control Regulations**

Not regulated.

**International regulations** Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work.

#### **Stockholm Convention**

Not applicable.

#### **Rotterdam Convention**

Not applicable.

#### **Kyoto protocol**

Not applicable.

#### **Montreal Protocol**

Not applicable.

#### **Basel Convention**

Not applicable.

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 09-August-2018

**Revision date** 09-August-2018

**Version #** 13

**References**  
ACGIH  
EPA: ACQUIRE database  
NLM: Hazardous Substances Data Base  
US. IARC Monographs on Occupational Exposures to Chemical Agents

**Disclaimer**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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**Revision information**  
Product and Company Identification: Product and Company Identification  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Regulatory Information: United States  
GHS: Classification