



**Safety Data Sheet**

according to WHMIS

**CONOSTAN FTIR Operational Test StandardTM**

Revision: 15.01.2026

Product code: AC18.06094

Page 2 of 11

**2. Hazard identification**

**Classification of the substance or mixture**

**WHMIS 2015**

- Acute toxicity: Acute Tox. 4 (oral)
- Skin corrosion/irritation: Skin Corr. 1
- Serious eye damage/eye irritation: Eye Dam. 1
- Specific target organ toxicity - repeated exposure: STOT RE 1
- Aspiration hazard: Asp. Tox. 1
- Hazardous to the aquatic environment: Aquatic Chronic 2

**Label elements**

**WHMIS 2015**

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

- Harmful if swallowed.
- May be fatal if swallowed and enters airways.
- Causes severe skin burns and eye damage.
- Causes damage to organs through prolonged or repeated exposure.
- Toxic to aquatic life with long lasting effects.

**Precautionary statements**

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing and eye protection/face protection.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- Immediately call a POISON CENTER/doctor.
- Call a POISON CENTER/doctor if you feel unwell.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- Wash contaminated clothing before reuse.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Immediately call a POISON CENTER/doctor.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- Continue rinsing.
- Immediately call a POISON CENTER/doctor.
- Get medical advice/attention if you feel unwell.
- Store locked up.
- Dispose of contents/container to an appropriate recycling or disposal facility.

**Other hazards**

No data available

**3. Composition/information on ingredients**

**Mixtures**

**Safety Data Sheet**

according to WHMIS

**CONOSTAN FTIR Operational Test StandardTM**

Revision: 15.01.2026

Product code: AC18.06094

Page 3 of 11

**Relevant ingredients**

CAS No	Chemical name	Quantity
-	Sulfonate Mixture	45 - < 70 % (*)
8042-47-5	White mineral oil, petroleum	15 - < 40 % (*)

(\*) The actual concentration is withheld as a trade secret.

**Further Information**

No data available

**4. First-aid measures**
**Description of first aid measures**
**General information**

No data available

**After inhalation**

Provide fresh air.  
Call a doctor if you feel unwell.

**After contact with skin**

Wash immediately with: Water, Soap  
Take off immediately all contaminated clothing and wash it before reuse.  
In case of skin irritation, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
In case of eye irritation consult an ophthalmologist.

**After ingestion**

Observe risk of aspiration if vomiting occurs.  
Call a physician immediately.

**Most important symptoms and effects, whether acute or delayed**

Gastrointestinal complaints  
Pneumonia  
Vapours may cause drowsiness and dizziness.  
Dizziness  
Depression of central nervous system  
Headache

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

Aspiration hazard

**5. Fire-fighting measures**
**Extinguishing media**
**Suitable extinguishing media**

Foam  
Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder  
Water

**Unsuitable extinguishing media**

no restriction

**Specific hazards arising from the hazardous product**

Combustible liquids

## Safety Data Sheet

according to WHMIS

### CONOSTAN FTIR Operational Test StandardTM

Revision: 15.01.2026

Product code: AC18.06094

Page 4 of 11

Hazardous combustion products

In case of fire may be liberated:

Carbon dioxide (CO<sub>2</sub>)

Carbon monoxide

In case of warming:

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

#### **Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Use water spray jet to protect personnel and to cool endangered containers.

Move undamaged containers from immediate hazard area if it can be done safely.

## 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

#### **General advice**

In case of warming:

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Take precautionary measures against static discharges.

#### **For non-emergency personnel**

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

Emergency procedures

Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

#### **For emergency responders**

Precautionary statements For emergency responders : Personal protection equipment: see section 8

### **Environmental precautions**

Do not allow to enter into surface water or drains.

### **Methods and material for containment and cleaning up**

#### **For containment**

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal.

#### **For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

#### **Other information**

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

### **Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## 7. Handling and storage

## Safety Data Sheet

according to WHMIS

### CONOSTAN FTIR Operational Test StandardTM

Revision: 15.01.2026

Product code: AC18.06094

Page 5 of 11

#### Precautions for safe handling

##### **Advice on safe handling**

- Read label before use. Handle and open container with care.
- When using do not eat, drink, smoke, sniff. Keep container tightly closed.
- Use personal protection equipment.
- Do not breathe vapour/aerosol.
- Provide adequate ventilation.

##### **Advice on protection against fire and explosion**

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Take precautionary measures against static discharges.
- In case of warming:  
Vapours are heavier than air, spread along floors and form explosive mixtures with air.

##### **Advice on general occupational hygiene**

- Keep away from food, drink and animal feedingstuffs.
- The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

##### **Further information on handling**

- Take off immediately all contaminated clothing and wash it before reuse.
- Draw up and observe skin protection programme.
- Wash hands and face before breaks and after work and take a shower if necessary.

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

##### **Requirements for storage rooms and vessels**

- Keep container tightly closed.

##### **Hints on joint storage**

- National regulations

##### **Further information on storage conditions**

- Keep cool. Protect from sunlight.

### 8. Exposure controls/Personal protection

#### Control parameters

##### **Exposure limits (ACGIH)**

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	Category	Origin
-	Mineral oil, excluding metal working fluids (inhalable fraction); Pure, highly and severely refined		5	TWA (8 h)	ACGIH-2025

##### **Additional advice on limit values**

- Observe in addition any national regulations!

#### Exposure controls

##### **Appropriate engineering controls**

- Technical measures and the application of suitable work processes have priority over personal protection equipment.
- If handled uncovered, arrangements with local exhaust ventilation have to be used.

##### **Individual protection measures, such as personal protective equipment**

##### **Eye/face protection**

- goggles
- Face protection umbrella

## Safety Data Sheet

according to WHMIS

### CONOSTAN FTIR Operational Test StandardTM

Revision: 15.01.2026

Product code: AC18.06094

Page 6 of 11

#### Hand protection

Tested protective gloves must be worn

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Take off immediately all contaminated clothing and wash it before reuse.

Wash hands and face before breaks and after work and take a shower if necessary.

Draw up and observe skin protection programme.

#### Respiratory protection

Respiratory protection necessary at: aerosol or mist formation

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

#### Thermal hazards

No data available

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid	
Colour:	No data available	
Odour:	No data available	
Odour threshold:	No data available	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and boiling range:		No data available
Flammability:		No data available
Lower explosive limits:		No data available
Upper explosive limits:		No data available
Flash point:		No data available
Auto-ignition temperature:		No data available
Decomposition temperature:		No data available
pH-Value:		No data available
Viscosity / kinematic:		No data available
Water solubility:		No data available
Solubility in other solvents		
No data available		
Dissolution rate:		No data available
Partition coefficient n-octanol/water:		No data available
Dispersion stability:		No data available
Vapour pressure:		No data available
Vapour pressure:		No data available
Density:		No data available
Relative density:		No data available
Bulk density:		No data available
Relative vapour density:		No data available
Particle characteristics:		No data available

### Other information

## Safety Data Sheet

according to WHMIS

### CONOSTAN FTIR Operational Test StandardTM

Revision: 15.01.2026

Product code: AC18.06094

Page 7 of 11

#### Information with regard to physical hazard classes

Explosive properties

In case of warming:

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustained combustibility:

No data available

Self-ignition temperature

Solid:

No data available

Gas:

No data available

Oxidizing properties

No data available

#### Other safety characteristics

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

No data available

Solid content:

No data available

Sublimation point:

No data available

Softening point:

No data available

Pour point:

No data available

No data available

Viscosity / dynamic:

No data available

Flow time:

No data available

#### Further Information

No data available

## 10. Stability and reactivity

### Reactivity

In case of warming:

Vapours may form explosive mixtures with air.

### Chemical stability

The product is stable under storage at normal ambient temperatures.

### Possibility of hazardous reactions

Oxidising agent

### Conditions to avoid

Heat

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Incompatible materials

No data available

### Hazardous decomposition products

in case of fire, see:

SECTION 5: Firefighting measures

### Further information

No data available

## 11. Toxicological information

### Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

No data available

**Safety Data Sheet**

according to WHMIS

**CONOSTAN FTIR Operational Test StandardTM**

Revision: 15.01.2026

Product code: AC18.06094

Page 8 of 11

**Acute toxicity**

Harmful if swallowed.

**ATEmix calculated**

ATE (oral) 746,3 mg/kg; ATE (dermal) &gt; 5000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
-	Sulfonate Mixture				
	oral	ATE 500 mg/kg			
8042-47-5	White mineral oil, petroleum				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1987)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1987)	OECD Guideline 402

**Irritation and corrosivity**

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/eye irritation: Causes serious eye damage.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure. (Sulfonate Mixture)

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Information on likely routes of exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

**Information on other hazards**
**Endocrine disrupting properties**

No data available

**Other information**

No data available

**Further information**

Gastrointestinal complaints

Pneumonia

Vapours may cause drowsiness and dizziness.

**Safety Data Sheet**

according to WHMIS

**CONOSTAN FTIR Operational Test StandardTM**

Revision: 15.01.2026

Product code: AC18.06094

Page 9 of 11

Dizziness  
 Depression of central nervous system  
 Headache

**12. Ecological information**
**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
8042-47-5	White mineral oil, petroleum					
	Acute fish toxicity	LC50 > 10000 mg/l	96 h	Lepomis macrochirus	REACH Registration Dossier	Method: other: procedure as detailed in
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	Study report (2008)	OECD Guideline 202

**Persistence and degradability**

No data available

**Bioaccumulative potential**
**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
8042-47-5	White mineral oil, petroleum	> 6

**Mobility in soil**

No data available

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**Other adverse effects**

Do not allow to enter into surface water or drains.

**Further information**

Avoid release to the environment.

**13. Disposal considerations**
**Waste treatment methods**
**Disposal recommendations**

Send to a physico-chemical treatment facility under observation of official regulations.  
 Do not allow to enter into surface water or drains.  
 Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**14. Transport information**
**Canadian TDG**

**UN number:** UN 3265  
**Proper shipping name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Sulfonate Mixture)  
**Hazard classes:** 8  
**Packing group:** II

## Safety Data Sheet

according to WHMIS

### CONOSTAN FTIR Operational Test StandardTM

Revision: 15.01.2026

Product code: AC18.06094

Page 10 of 11

Hazard label:	8
Special Provisions:	16
Limited quantity:	1 L

#### Marine transport (IMDG)

<b><u>UN number or ID number:</u></b>	UN 3265
<b><u>United Nations proper shipping name:</u></b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Sulfonate Mixture)
<b><u>Transport hazard class(es):</u></b>	8
<b><u>Packing group:</u></b>	II
Hazard label:	8
Special Provisions:	274
Limited quantity:	1 L
Excepted quantity:	E2
EmS:	F-A, S-B
Segregation group:	1 - acids

#### Air transport (ICAO-TI/IATA-DGR)

<b><u>UN number or ID number:</u></b>	UN 3265
<b><u>United Nations proper shipping name:</u></b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.(Sulfonate Mixture)
<b><u>Transport hazard class(es):</u></b>	8
<b><u>Packing group:</u></b>	II
Hazard label:	8
Special Provisions:	A3 A803
Limited quantity Passenger:	0.5 L
Passenger LQ:	Y840
Excepted quantity:	E2
IATA-packing instructions - Passenger:	851
IATA-max. quantity - Passenger:	1 L
IATA-packing instructions - Cargo:	855
IATA-max. quantity - Cargo:	30 L

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	Yes
Danger releasing substance:	Sulfonate Mixture

### 15. Regulatory information

#### Canadian regulations

### 16. Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,9,11,14.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Provide appropriate information, instructions and training to users

**Safety Data Sheet**

according to WHMIS

**CONOSTAN FTIR Operational Test StandardTM**

Revision: 15.01.2026

Product code: AC18.06094

Page 11 of 11

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*