SAFETY DATA SHEET

Issuing Date 21-Aug-2013 Revision Date 11-Feb-2020 Revision Number 6

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name CPI 6976 - DSM (580 Lb)

Other means of identification

Product Code 3623702
CAS Number MIXTURE
Formula MIXTURE
Synonyms Not available
UN-No UN3082

Recommended use of the chemical and restrictions on use

Recommended Use Coatings

Uses advised againstDo not use where contact with food or drinking water is possible. Avoid prolonged

contact with eyes, skin, and clothing.

Details of the supplier of the safety data sheet

Supplier Address ACETO US, LLC

4 Tri Harbor Court

Port Washington, NY 11050-4661

Phone: (516) 627-6000 Fax: (516) 627-6093 Email: aceto@aceto.com

Emergency Telephone Number(s)

ChemTrec: 1-800-424-9300 Outside of the United States: 1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin Sensitization	Category 1A
Chronic aquatic toxicity	Category 1

Label elements

Emergency Overview

Signal Word

Warning

Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Very toxic to aquatic life with long lasting effects



AppearancePhysical StateOdorClearLiquidMild

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing should not be allowed out of the workplace Avoid release to the environment

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention
Collect spillage

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None known

Other Information

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Not available

Formula MIXTURE

Chemical name	CAS No.	Weight-%	North American Hazard Indicator
Propylene Carbonate	108-32-7	40	True
P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate	71449-78-0	30	0.5 mg/m³ TWA (as Sb)
Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]	89452-37-9	30	0.5 mg/m³ TWA (as Sb)

4. FIRST AID MEASURES

First Aid Measures

General Advice Show this safety data sheet to the doctor in attendance.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Consult a physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Wash contaminated

clothing before reuse. Consult a physician.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial

respiration. Call a physician or poison control center immediately.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Consult a physician.

Self-Protection of the First Aider Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Signs and Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Alcohol-resistant foam. Water spray. Dry chemical. Carbon

dioxide (CO2).

Unsuitable Extinguishing Media No information available.

Hazardous Combustion Products Carbon oxides. Nitrogen oxides.

Explosion Data Not available

Sensitivity to mechanical impact Not available. Sensitivity to static discharge Not available.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

Protective Equipment and Precautions for Firefighters

Use personal protective equipment as required. In the event of fire, wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required. Avoid contact with skin and eyes. Evacuate

personnel to safe areas. Ensure adequate ventilation. Avoid contact with eyes, skin and

clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the

ground or into any body of water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Do not flush into surface

water or sanitary sewer system. Should not be released into the environment.

Methods and material for containment and cleaning up

Methods for Clean-up Evacuate personnel to safe areas. Absorb spill with inert material (e.g. dry sand or earth),

then place in a chemical waste container. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Use only in an area equipped with a safety shower. Ensure that eyewash stations and

safety showers are close to the workstation location. Ensure adequate ventilation. Do not breathe vapours or spray mist. Avoid contact with eyes, skin and clothing. Avoid repeated

exposure.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly

labeled containers. Keep away from direct exposure to sun.

Incompatible Materials Strong Oxidizing Agents. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propylene Carbonate 108-32-7	-	-	-
P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate 71449-78-0	0.5 mg/m³ TWA (as Sb)	TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Sb	50 mg/m³ IDLH (as Sb)
Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantim onate (1-)] 89452-37-9	0.5 mg/m³ TWA (as Sb)	TWA: 0.5 mg/m³ Sb (vacated) TWA: 0.5 mg/m³ Sb	50 mg/m³ IDLH (as Sb)

IDLH: Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory Protection In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Clear Physical State Liquid Odor Mild

Odor Threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH No Data Available

Revision Date 11-Feb-2020

Melting point / Freezing point No Data Available

Boiling point / boiling range >220

Flash Point > 140 °C / > 284 °F CC (closed cup)

Evaporation Rate No information available Flammability (solid, gas) No information available

Flammability Limit in Air No

information available

Upper flammability limit No information available

Lower flammability limit 2.3%

Vapor Pressure <0.03 mmHg @ 20°C

Vapor Density >1

Specific Gravity 1.401 - 1.420 @ 25°C

Water Solubility Insoluble

Solubility in other solvents No information available

Partition coefficient: n-octanol/waterNot available
Autoignition temperature °C
No Data Available
Decomposition temperature
No Data Available

Decomposition temperatureNo Data AvailableKinematic ViscosityNo information available

Dynamic Viscosity Not available

Explosive PropertiesOxidizing Properties
No information available
No information available

Other Information

Softening Point
Molecular Weight
VOC content
Liquid Density
Bulk density
Corrosion characteristics
No information available
No information available
No information available
No information available

10. STABILITY AND REACTIVITY

Reactivity Not applicable.

Chemical Stability Stable under recommended storage conditions

Conditions to Avoid Keep away from open flames, hot surfaces and sources of

ignition. Protect from sunlight. Ultraviolet light. Fluorescent light.

Literary Reference

Estimated

Incompatible Materials Strong Oxidizing Agents. Incompatible with oxidizing agents.

Hazardous Decomposition Products Carbon oxides. Nitrogen oxides (NOx).

Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Carbonate	= 29000 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	•
P-Thiophenoxyphenyldiphenyls	-	-	-
ulfonium Hexafluoroantimonate			
Sulfonium,	-	-	-
(Thiodi-4,1-Phenylene)			
Bis[Diphenylbis](OC-6-11)Hexaf			
luoroantimonate (1-)]			

Component Information

The following values are calculated based on chapter 3.1 of the GHS document _.

Information on likely routes of exposure

Eyes Irritating to eyes. Avoid contact with eyes.

Skin Irritating to skin. May cause allergic skin reaction. Avoid contact with skin.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity There are no known carcinogenic chemicals in this product.

Serious eye damage/irritation Risk of serious damage to eyes.

Skin Corrosion/IrritationNo information available.

Sensitization May cause sensitization by skin contact. May cause allergic skin reaction.

Reproductive Effects No information available.

Mutagenic Effects No information available.

Developmental Effects No information available.

STOT - single exposure No information available.

STOT - Repeated Exposure No information available.

Chronic Toxicity Avoid repeated exposure.

Target Organ Effects Eyes, Skin.

Aspiration Hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects Avoid release to the environment

Chemical name	Algae/aquatic plants	Fish Toxicity to		Crustacea
			microorganisms	
Propylene Carbonate	500: 72 h Desmodesmus	1000: 96 h Cyprinus carpio	> 10000 mg/L EC50	> 500 mg/L EC50
108-32-7	subspicatus mg/L EC50	mg/L LC50 semi-static	Pseudomonas putida 17 h	500: 48 h Daphnia magna
		_	-	mg/L EC50
P-Thiophenoxyphenyldiphen	-	-	-	-
ylsulfonium				
Hexafluoroantimonate				
71449-78-0				
Sulfonium,	-	-	-	-
(Thiodi-4,1-Phenylene)				
Bis[Diphenylbis](OC-6-11)H				

exafluoroantimonate (1-)]		
89452-37-9		

Persistence/Degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Mobility in Soil No information available.

Chemical name	log Pow =
Propylene Carbonate 108-32-7	0.48
P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate 71449-78-0	-
Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)] 89452-37-9	-

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal MethodsContact waste disposal services. Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations. Empty containers should be taken to an

approved waste handling site for recycling or disposal.

US EPA Waste Number See below

14. TRANSPORT INFORMATION

DOT

UN-No UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard class 9
Packing Group III

Reportable Quantity (RQ) (P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate: RQ (kg)= 2270.00,

Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]:

RQ (kg)= 2270.00)

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

 $(P-Thiophen oxyphenyl diphenyl sulfonium\ Hexafluoroan timonate,\ Sulfonium,$

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III, Marine

pollutant

Emergency Response Guide

Number

171

TDG

UN-No UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard class 9
Packing Group ||

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

MEX

UN-No UN3082

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard class 9

Packing Group

DescriptionUN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

<u>ICAO</u>

UN-No UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard class 9
Packing Group III

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

 $(P-Thiophen oxyphenyl diphenyl sulfonium\ Hexafluoroan timonate,\ Sulfonium,$

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

<u>IATA</u>

UN number UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es)
Packing Group

Description UN3082, Environmentally hazardous substance, liquid, n.o.s.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

IMDG

UN number UN3082

Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.

Transport hazard class(es) 9
Packing Group III
EmS No. F-A. S-F

Description UN3082. Environmentally hazardous substance, liquid, n.o.s.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III, Marine

pollutant

RID

UN-No UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es) 9
Packing Group III
Classification Code M6

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

ADR/RID-Labels 9

ADR

UN-No UN3082

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class 9
Packing Group III
Classification Code M6

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

Labels

ADN

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport hazard class(es) 9
Packing Group III
Classification Code M6

Special Provisions 274, 335, 375, 601

Description UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, Sulfonium,

(Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]), 9, III

Hazard label(s) 9
Limited Quantity 5 L
Equipment Requirements PP

15. REGULATORY INFORMATION

International Inventories

TSCA Complies Canada (DSL) Does not comply **EU (EINECS)** Does not comply **EU (ELINCS)** Does not comply Japan (ENCS) Does not comply China (IECSC) Complies Does not comply Korea (KECL) **Philippines (PICCS)** Complies Complies Australia (AICS) **Mexico INV** Does not comply **Taiwan INV** Complies

Chemical name	U.S.A. (TSCA)	Canada (D	SL)	FU	(EINECS)		EU (ELINCS)	
Propylene Carbonate	Present	<u> </u>	Present		X		203-572-1	
P-Thiophenoxyphenyldiphen ylsulfonium Hexafluoroantimonate	Present	-	-				-	
Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)H exafluoroantimonate (1-)]	Present	-			-		-	
Component	Japan (ENCS)	China (IECSC)	Korea	(KECL)	Philippines (PIC	CCS)	Australia (AICS)	
	Present (5)-524,(7)-737	Present	Pre	esent	Present		Present	
	-	Present	Pre	esent	Present		Present	
	-	Present		-	Present		Present	
Chemica	I name	Me	xico INV			Taiwan INV		
Propylene 0 108-3			Present			Pre	sent	
P-Thiophenoxypheny Hexafluoroa 71449	intimonate	- Presen		sent				
Sulfonium, (Thiodi Bis[Diphenylbis](OC-6-11 (1- 89452)Hexafluoroantimonat)]	е	-			Pre	sent	

This material contains components that contain antimony atoms, thus some U.S. Regulations may apply as such. The components Sulfonium, (Thiodi-4,1-Phenylene) Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)], CAS# 89452-37-9 and P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate, CAS# 71449-78-0 as a mixture are also recognized as Benzene, Reaction Products with Chlorine and Sulfur Chloride (S2Cl2), Hexafluoroantimonates(1-), CAS# 109037-75-4 which is listed on the Canadian DSL.

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	SARA 313 - Threshold Values
P-Thiophenoxyphenyldiphenylsulfonium Hexafluoroantimonate	1.0 % de minimis concentration (Chemical Category
71449-78-0 (30)	N010)
Sulfonium, (Thiodi-4,1-Phenylene)	1.0 % de minimis concentration (Chemical Category
Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate (1-)]	N010)
89452-37-9 (30)	·

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Chemical name	CAS No.	HAPS data
P-Thiophenoxyphenyldiphenylsulfonium	71449-78-0	Present (including any unique chemical
Hexafluoroantimonate		substance that contains Antimony as
		part of its infrastructure)
Sulfonium, (Thiodi-4,1-Phenylene	9)89452-37-9	Present (including any unique chemical
Bis[Diphenylbis](OC-6-11)Hexafluoroantimonate		substance that contains Antimony as
[(1-)]		part of its infrastructure)

VOC content

This Product does not contain any VOCs

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

This product contains the following State Right-to-Know chemicals:

Chemical name	New Jersey	Massachusetts	Illinois	Rhode Island	Pennsylvania
P-Thiophenoxyphenyldiph	sn 2223		Present (including	Toxic	Environmental
enylsulfonium			any unique		hazard
Hexafluoroantimonate			chemical substance		
71449-78-0			that contains		
			Antimony as part of		

		that chemical's infrastructure)		
Sulfonium, (Thiodi-4,1-Phenylene)	sn 2223	Present (including any unique	Toxic	Environmental hazard
Bis[Diphenylbis](OC-6-11) Hexafluoroantimonate (1-)]		chemical substance that contains		
89452-37-9		Antimony as part of		
		that chemical's infrastructure)		

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Canada

WHMIS Statement

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

NFPA Health 2

Flammability 1

Instability 0

Physical Hazard 0



Issuing Date Revision Date Revision Summary

Not available

Disclaimer

21-Aug-2013 11-Feb-2020

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 information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet