

# Product Name: ACCO Filter Cleaner

Product Number: 102-54015

Release Date: 10/2/2020

### Section 1. Identification

Product Identifier: Other means of identification: CAS Number: Recommended Use: Recommended Restrictions: Supplier/Distributor Information: ACCO Filter Cleaner Not available 57-55-6, 144-62-7 Rust Stain Remover None known.

ACCO Unlimited Corporation 5105 NW Johnston Dr. Johnston, IA 50131 (800) 548-2226

### EMERGENCY PHONE NUMBER: 800-424-9300 CHEMTREC

## Section 2. Hazard(s) Identification

OSHA/HCS status	This material is considered hazardous by the OSHA Hazard
	Communication Standard (29 CFR 1910.1200).

Physical hazards.....Corrosive to metals - Category 1 Health hazards .....Skin corrosion/irritation - Category 1 Serious eye damage/eye irritation - Category 1 Environmental hazards.....Not classified. WHMIS 2015 defined hazards: Not classified.

GHS label elements: Hazard pictograms



Signal word......Danger

Hazard statements.......May be corrosive to metals. Causes severe skin burns and eye damage. Precautionary statements:

Prevention	Keep only in original packaging. Do not breathe mist or vapor. Wash
	thoroughly after handling. Wear protective gloves, protective clothing,
	eye protection and face protection.
Response	Absorb spillage to prevent material-damage.
	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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 or doctor. Specifi treatment (see information on this label).				
	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.			
Storage	Store in a corrosion resistant container with a resistant inner liner. Store locked up.			
Disposal	Dispose of container in accordance with local, regional and national regulations.			
	rd(s) not otherwise classified(HHNOC): None known.			
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC): None known.				
Hazard(s) not otherwise classified (HNOC): None known. Supplemental information: None.				

# Section 3. Composition/information on ingredients

Chemical name	Common name and synonyms	CAS number	%
1,2-Propanediol		57-55-6	1 - 5*
Oxalic acid		144-62-7	5 - 10*

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments: US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.\*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

# Section 4. First aid measures

Mixture

- Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
- Skin contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. Specific treatment (see information on this label).
- Eye contact: 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 or doctor.
- Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.
- Most important symptoms/effects, acute and delayed: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
- Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
- General information: Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Wear rubber gloves and chemical splash goggles. Keep out of reach of children.

# Section 5. Fire-fighting measures

Suitable extinguishing media: Dry chemical. Water spray. Foam. Carbon dioxide.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Specific hazards arising from the chemical: Firefighters should wear a self-contained breathing

- apparatus.
- Special protective equipment and precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
- 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.
- Hazardous combustion products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen fluoride.

### Section 6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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: Should not be released into the environment. Large Spills: Stop leak if you can do so without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb spillage to prevent material damage. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water . Small Spills: 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.
- Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Prevent entry into waterways, sewers, basements or confined areas.

# Section 7. Handling and storage

- Precautions for safe handling: DANGER -- CORROSIVE. Use only with adequate ventilation. Do not taste or swallow. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use good industrial hygiene practices in handling this material. Do not get in eyes, on skin or on clothing. Avoid breathing vapors or mists of this product.
- Conditions for safe storage, including any incompatibilities: Store locked up. Store in a closed container away from incompatible materials. Keep only in the original container. Store in a cool, dry place out of direct sunlight. Store in a corrosion resistant container with a resistant inner liner.

# Section 8. Exposure controls/personal protection

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)				
Components	Туре	Value		
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3		
	TWA	1 mg/m3		

Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
Canada. Manitoba OELs (R	eg. 217/2006. The Workpla	ce Safety And Health Act)	
Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
Canada. Ontario OELs. (Co	ontrol of Exposure to Biolo	gical or Chemical Agents)	
Components	Туре	Value	Form
1,2-Propanediol (CAS 57-55-6)	TWA	155 m	g/m3 Vapor and aerosol.
57-55-0)		10 mg	/m3 Aerosol.
		50 pp	m Vapor and aerosol.
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
Canada. Quebec OELs. (Mi	inistry of Labor - Regulatio	on Respecting the Quality of the	Work Environment)
Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
US. OSHA Table Z-1 Limits	for Air Contaminants (29	CFR 1910.1000)	
Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	PEL	1 mg/	m3
US. ACGIH Threshold Limi	t Values		
Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
US. NIOSH: Pocket Guide t	to Chemical Hazards		
Components	Туре	Value	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/	m3
	TWA	1 mg/	m3
US. AIHA Workplace Enviro	onmental Exposure Level (	(WEEL) Guides	
Components	Туре	Value	Form
1,2-Propanediol (CAS 57-55-6)	TWA	10 mg	/m3 Aerosol.
ogical limit values	No biological exposure lir	nits noted for the ingredient(s).	
osure guidelines	- ·		
Canada - Manitoba OELs: S	Skin designation		
Hydrogen fluoride (CAS Canada - Ontario OELs: Sk		Can be absorbed through	the skin.
Hydrogen fluoride (CAS	7664-39-3)	Can be absorbed through	the skin.
US ACGIH Threshold Limit Values: Skin designation			
Hydrogen fluoride (CAS	7664-39-3)	Can be absorbed through	the skin.

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.

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

Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.	
Skin protection		
Hand protection	Rubber gloves. Confirm with a reputable supplier first.	
Other	As required by employer code. Rubber apron recommended.	
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).	
Thermal hazards	Not applicable.	
General hygiene considerations	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. Wash hands before breaks and immediately after handling the product. When using do not eat or drink.	

# Section 9. Physical and chemical properties

Clear
Liquid.
Liquid.
Colorless
Lime.
Not available.
< 1
Not available.
Not applicable.
osive limits
Not available.
1.025
Not available.
Not available.
Not available.
Not available.

# Section 10. Stability and reactivity

Reactivity: Reacts violently with alkaline material. This product may react with reducing agents. Possibility of hazardous reactions: Hazardous polymerization does not occur.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Reacts violently with strong alkaline substances. This product may react with reducing agents.

Incompatible materials: Acids. Caustics. Oxidizers. Reducing agents. Metals.

Hazardous decomposition products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Hydrogen fluoride.

## Section 11. Toxicological information

Routes of exposure: Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

Information on likely routes of exposure

Ingestion: Causes digestive tract burns.

Inhalation: Prolonged inhalation may be harmful. May cause irritation to the respiratory system.

Skin contact: Causes severe skin burns.

Eye contact: Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity: Causes severe skin burns and eye damage.

Components	Species	Test Results
1,2-Propanediol (CAS 57-55-6	i)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
		20800 mg/kg, Millipore
Inhalation		
LC50	Rabbit	> 317042 mg/m3, 2 Hours, ECHA
Oral		
LD50	Dog	19 g/kg, HSDB
	Guinea pig	19700 mg/kg, ECHA
		18.4 g/kg, HSDB
	Mouse	24900 mg/kg, ECHA
		23900 mg/kg, HSDB
		23.9 g/kg, HSDB
	Rabbit	22.8 g/kg, CCOHS
		18 g/kg, HSDB
	Rat	19.4 - 36 g/kg, Millipore
		22000 mg/kg, ECHA
		21 g/kg, CCOHS

Oxalic acid (CAS 144-62-7)			
Acute			
Dermal LD50	Rabbit	20000 mg/kg, European Agency for the Evaluation of Medicinal Products	
Oral			
LD50	Rat	375 mg/kg, Toxicology and Applied Pharmacology	
		9.5 ml/kg, ECHA	
		7.5 ml/kg, ECHA	
		1.1 ml/100g, ECHA	
Skin corrosion/irritation	Causes severe skin burns and	eye damage.	
Exposure minutes	Not available.		
Erythema value	Not available.		
Oedema value	Not available.		
Serious eye damage/eye irritation	Causes serious eye damage.		
Corneal opacity value	Not available.		
Iris lesion value	Not available.		
Conjunctival reddening value	Not available.		
Conjunctival oedema value	Not available.		
Recover days	Not available.		
Respiratory or skin sensitization	1		
Canada - Alberta OELs: Irrita	ant		
Oxalic acid (CAS 144-62-	7)	Irritant	
<b>Respiratory sensitization</b>	Not available.		
Skin sensitization	This product is not expected to	o cause skin sensitization.	
Mutagenicity	Non-hazardous by WHMIS/OS	SHA criteria.	
Carcinogenicity	Not classified or listed by IARC, NTP, OSHA and ACGIH.		
• •	Evaluation of Carcinogenicity		
Hydrogen fluoride (CAS 7	'664-39-3)	Volume 27, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
US. OSHA Specifically Regu Not listed.	llated Substances (29 CFR 191	0.1001-1050)	
Reproductive toxicity	Non-hazardous by WHMIS/OS	SHA criteria.	
Teratogenicity	Non-hazardous by WHMIS/OS	SHA criteria.	
Specific target organ toxicity - single exposure	Not classified.		
Specific target organ toxicity - repeated exposure	Not classified.		
Aspiration hazard	Not available.		
Chronic effects	Prolonged inhalation may be h	armful.	

# Section 12. Ecological information

Ecotoxicity: Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Ecotoxicological data

Components		Species	Test Results	
1,2-Propanediol (CAS 57-55-6)				
Crustacea	EC50	Daphnia	10000 mg/L, 48 Hours	
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/L, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas)	710 mg/L, 96 hours	
Oxalic acid (CAS 144-62-7)				
Crustacea	EC50	Daphnia	137.5 mg/L, 48 Hours	
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	125 - 150 mg/L, 48 hours	
Persistence and degradability	No data is ava	No data is available on the degradability of this product.		
Bioaccumulative potential	No data availa	No data available.		
Mobility in soil	No data available.			
Mobility in general	Not available.			
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			

# Section 13. Disposal considerations

Disposal instructions: Review federal, state/provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

Local disposal regulations: Dispose in accordance with all applicable regulations.

- Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- Waste from residues / unused products: 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).
- Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

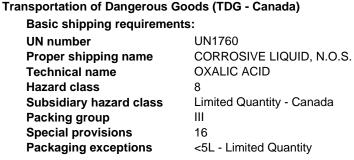
# Section 14. Transport information

Transport of Dangerous Goods (TDG) Proof of Classification: Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

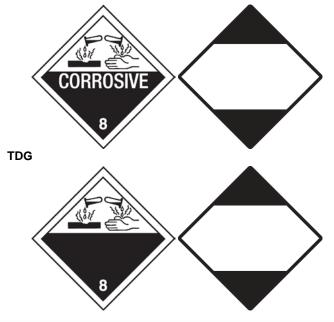
U.S. Department of Transportation (DOT)

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Basic snipping requirement	5:
UN number	UN1760
Proper shipping name	Corrosive liquids, n.o.s.
Technical name	Oxalic acid
Hazard class	8
Subsidiary hazard class	Limited Quantity - US
Packing group	111
Special provisions	IB3, T7, TP1, TP28
Packaging exceptions	<1.3 Gallons - Limited Quantity
Packaging non bulk	203
Packaging bulk	241



#### DOT



## Section 15. Regulatory information

#### This product has been classified in accordance with the hazard criteria of the HPR and the SDS **Canadian federal regulations** contains all the information required by the HPR. Canada CEPA Schedule I: Listed substance Hydrofluorosilicic acid (CAS 16961-83-4) Listed. Hydrogen fluoride (CAS 7664-39-3) Listed. Export Control List (CEPA 1999, Schedule 3) Not listed. **Greenhouse Gases** Not listed. **Precursor Control Regulations** Not regulated. WHMIS 2015 Exemptions Not applicable This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication **US** federal regulations Standard, 29 CFR 1910,1200. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Oxalic acid (CAS 144-62-7) 1.0 % One-Time Export Notification only. CERCLA Hazardous Substance List (40 CFR 302.4) Hydrogen fluoride (CAS 7664-39-3) Listed. US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity Hydrogen fluoride (CAS 7664-39-3) 100 LBS US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed. Superfund Amendments and Reauthorization Act of 1986 (SARA)

	Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No		
		Reactivity Hazard - No		
	SARA 302 Extremely	No		
	hazardous substance			
	SARA 311/312 Hazardous chemical	No		
	SARA 313 (TRI reporting) Not regulated.			
Oth	er federal regulations			
	•	112 Hazardous Air Pollutants	: (HAPs) List	
	Hydrogen fluoride (CAS 7			
		112(r) Accidental Release Pre	evention (40 CER 68 130)	
	Hydrogen fluoride (CAS 7			
	, ,	,		
	Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)	Hazardous substance		
US	state regulations			
	-	ubstances (Director's): Listed	substance	
		· · · ·		
	Hydrofluorosilicic acid (CA Hydrogen fluoride (CAS 7		Listed. Listed.	
	Oxalic acid (CAS 144-62-		Listed.	
	US - Illinois Chemical Safety		Listed.	
	•			
	Hydrogen fluoride (CAS 7 US - Louisiana Spill Reportin	ng: Listed substance		
	Hydrogen fluoride (CAS 7 US - Minnesota Haz Subs: L		Listed.	
	1,2-Propanediol (CAS 57-	-55-6)	Listed.	
	Hydrofluorosilicic acid (CA		Listed.	
	Hydrogen fluoride (CAS 7	(664-39-3)	Listed.	
	Oxalic acid (CAS 144-62-		Listed.	
	US - New Jersey RTK - Subs	stances: Listed substance		
	1,2-Propanediol (CAS 57-	-55-6)		
	Hydrofluorosilicic acid (CA			
	Hydrogen fluoride (CAS 7	664-39-3)		
	Oxalic acid (CAS 144-62-			
	US - New York Release Reporting: Acutely Hazardous Substances: Listed substance			
	Hydrogen fluoride (CAS 7664-39-3) Listed.			
		r Pollutants: Listed substanc	9	
	Hydrofluorosilicic acid (CA	,		
	Hydrogen fluoride (CAS 7			
	US - Texas Effects Screenin	-		
	1,2-Propanediol (CAS 57-		Listed.	
	Alcohols, C9-11, ethoxyla		Listed.	
	Hydrofluorosilicic acid (CA		Listed.	
	Hydrogen fluoride (CAS 7 Oxalic acid (CAS 144-62-		Listed. Listed.	
	· ·		Listed.	
	US. Massachusetts RTK - S	ubstance List		
	Hydrofluorosilicic acid (C			
	Hydrogen fluoride (CAS 7			
	Oxalic acid (CAS 144-62			
	-	I Community Right-to-Know A	CT	
	Hydrogen fluoride (CAS 7664-39-3)			
	•	nd Community Right-to-Know	Law	
	1,2-Propanediol (CAS 57			
	Hydrofluorosilicic acid (C			
	Hydrogen fluoride (CAS 7			
	Oxalic acid (CAS 144-62	-7)	40	
			10	

#### US. Rhode Island RTK

1,2-Propanediol (CAS 57-55-6) Hydrogen fluoride (CAS 7664-39-3) Oxalic acid (CAS 144-62-7)

#### **US. California Proposition 65**

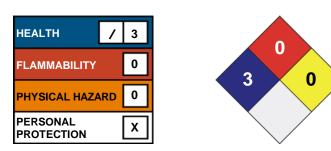
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### Inventory status

Country(s) or region	Inventory name On invent	ory (yes/no)*		
Canada	Domestic Substances List (DSL)	No		
Canada	Non-Domestic Substances List (NDSL)	Yes		
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)				

### Section 16. Other information

LEGEND		
Severe	4	
Serious	3	
Moderate	2	
Slight	1	
Minimal	0	



#### Disclaimer

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, ACCO Unlimited Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, ACCO Unlimited Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either express or implied, or merchantability fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.

Revision Date 11/30/18