Safety Data Sheet

Issue Date: 28-Aug-2014 **Revision Date:** 23-May-2019 **Version 3**

1. IDENTIFICATION

Product Identifier

Product Name **APEX 7030 WG SEMI-SYNTHETIC FLUID (Blue)**

Other means of identification

SDS #

Item # A-7030

Recommended use of the chemical and restrictions on use

Recommended Use Metalworking lubricant.

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number 832-399-1000

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue / light amber
Clear

Physical State Liquid

Classification

This product is classified under US OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (WHMIS 2015)

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Acute Toxicity - Inhalation (Dust/Mist)	Category 4

Hazards Not Otherwise Classified

May be in harmful in contact with skin.

Signal Word **WARNING**

Hazard Statements

Cause skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Harmful if inhaled



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
Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON Center/doctor if you feel unwell

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
4-Chloro-m-cresol	59-50-7	1-5
Boric Acid, Amine Salts	Proprietary	1-10
Carboxylic Acids, Amine Salts	Proprietary	1-10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

Ingestion Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Symptoms May cause skin and eye irritation.
Eye contact may cause eye irritation, redness, tearing, blurred vision
Prolonged skin contact may cause redness and irritation
Maybe harmful if inhaled.
Swallowing may cause abdominal irritation, nausea, vomiting and diarrhea
The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

Indication of any immediate medical attention and special treatment needed

Notes to Physician May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.

5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media Use water fog, foam, dry chemical, alcohol resistant foam or carbon dioxide (CO2)

Specific Hazards Arising from the Chemical Not determined.

Hazardous Combustion Products Smoke, Fume, Incomplete combustion products, Oxides of carbon.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Avoid contact with skin or eyes.
Do not breathe dust/fume/gas/mist/vapors/spray.
See SECTION 8 for Personal Protective Equipment.

Environmental Precautions Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas.
Prevent further leakage or spillage if safe to do so.
See SECTION 12 for Ecological Information. .

Methods for Clean-Up Absorb or cover with dry earth, sand or other non-combustible material.
Sweep up absorbed material and shovel into suitable containers for disposal.
If the product contaminates rivers and lakes or drains inform respective authorities.
Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.
See SECTION 13 for Waste Disposal.

7. HANDLING AND STORAGE

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40 °C (41-104 °F).

Incompatible Materials Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side shields.

Skin and Body Protection If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Avoid contact with skin, eyes and clothing.
After handling this product, wash hands before eating, drinking, or smoking.
If contact occurs, remove contaminated clothing and lauder before reuse.
If needed, take first aid action shown on section 4 of this SDS.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid		
Appearance	transparent	**Odor**	Not determined
Color	Blue / Amber	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	9.2 - 9.5@ 20:1	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	< 1	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.02	
Water Solubility	Emulsifiable	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity Not reactive under normal conditions.

Chemical Stability Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

Conditions to Avoid Incompatible Materials.

Incompatible Materials Oxidizing agents.

Hazardous Decomposition Products Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact Causes serious eye irritation.

Skin Contact Prolonged contact may cause redness and irritation.

Inhalation May cause irritation to the mucous membranes and upper respiratory tract.

Ingestion May cause gastrointestinal irritation or diarrhea.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
4-Chloro-m-cresol 59-50-7	1830 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 0.583 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristic

Symptoms Please see section 4 of this SDS for symptoms.

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

Sensitization May cause an allergic skin reaction.

Carcinogenicity Carcinogenic potential is unknown.

Numerical measures of toxicity Not determined

Unknown Acute Toxicity 10-15% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity No known significant effects or critical hazards.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
4-Chloro-m-cresol 59-50-7	10: 96 h Desmodesmus subspicatus mg/L EC50 4.2: 72 h Desmodesmus subspicatus mg/L EC50	3.11 - 5.27: 96 h Pimephales promelas mg/L LC50 flow-through 1000 - 10000: 96 h Pimephales promelas µg/L LC50 static 5.81 - 7.76: 96 h Poecilia reticulata mg/L LC50 917: 96 h Oncorhynchus mykiss µg/L LC50 static	EC50 = 0.27 mg/L 5 min EC50 = 0.28 mg/L 15 min EC50 = 0.34 mg/L 30 min EC50 = 23 mg/L 60 h	2: 48 h Daphnia magna mg/L EC50 1.13 - 1.94: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability Biodegradation: Expected to be slowly biodegradable.

Bioaccumulation Not determined.

Mobility

Chemical Name	Partition Coefficient
4-Chloro-m-cresol 59-50-7	3.02

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
4-Chloro-m-cresol 59-50-7	U039	Included in waste streams: F039, K001		U039

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
4-Chloro-m-cresol 59-50-7	Category II - Semi-volatiles			

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
4-Chloro-m-cresol 59-50-7	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
4-Chloro-m-cresol - 59-50-7	59-50-7	1-5	0.1

SARA 311/312 Immediate Health Hazard

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
4-Chloro-m-cresol 59-50-7 (1-5)		X	X	

US State Regulations

California Proposition 65: This product does not contain any components that are regulated under California Prop 65

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
4-Chloro-m-cresol 59-50-7	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	0	0	
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	0	0	B

Issue Date: 28-Aug-2014
Revision Date: 23-May-2019
Revision Note: Reviewed SDS. DL

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 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