Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification

Product Number:	C1120
Product Name:	Acetic Acid, Glacial Reagent A.C.S.
Trade/Chemical Synonyms	
Formula:	CH“COOH
RTECS:	AF1225000
C.A.S	CAS# 64-19-7

Health:	3
Flammability	2
Reactivity	1

Hazard Rating:

Least	Slight	Moderate	High	Extreme
0	1	2	3	4

NA = Not Applicable NE = Not Established

Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
☐	Acetic Acid, Glacial	CAS# 64-19-7	100%	V/V	10 ppm OSHA TWA, 15 ppm OSHA STEL

Section 3 Hazard Identification (Also see section 11)

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire

Section 6 Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Neutralize with a weak base.

Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection:NIOSH/MSHA-approved respirator

Ventilation: Mechanical: ☑ Local Exhaust: ☐

Hand Protection: NIOSH Approved Gloves

Eye Protection: Goggles and Face Shield

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	17°C	Specific Gravity	1.05
Boiling Point:	118°C	Percent Volatile by Volume:	>99
Vapor Pressure:	11mm Hg @ 20°C	Evaporation Rate:	0.97
Vapor Density:	2	Evaporation Standard:	Butylacetate =1
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Clear liquid, sharp vinegar odor	Lower Flamm. Limit in Air:	4.0%
Flash Point:	41°C	Upper Flamm. Limit in Air:	19.9%

Fire/Explosion Hazards:	Vapor may travel considerable distance to source of ignition and flash back.
Fire Fighting Procedure:	Use water spray to cool fire exposed containers.

Section 10 Stability and Reactivity Information

Stability: Stable

Conditions to Avoid: Avoid contact with heat, sparks, flames, and incompatible materials.

Materials to Avoid:
strong bases, oxidizable materials

Hazardous Decomposition Products:
Toxic fumes of: Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization:Will Not Occur

Condition to Avoid:None known

Section 11 Additional Information

Conditions aggravated/target organs: Corrosive! Persons with pre-existing skin, eye and respiratory conditions will be more susceptible. Acute: Severe irritation or burns to skin, eyes, respiratory tract, GI tract. Chronic: Dermatitis, eye damage, lung damage.

DOT Classification: Acetic acid, glacial, 8, UN2789, PG II

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

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