

Safety Data Sheet

Revision date: 1/29/21

Supersedes: 4/22/18

Version: 3.0

SECTION 1: Product & Company Identification

Product Name: TC-100

Product Use: Multi-Purpose Machine & Floor Cleaner

Chemical Family: Mixture

CAS No.: Mixture; see section 3

Manufacturer

Curtis Fluids, Inc.
2950 Prairie St., SW, Suite 900
Grandville, MI 49418
Phone: 616-452-5797
Fax: 616-452-5640

Emergency telephone number
616-452-5797

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture: According to OSHA 29 CFR 1910.1200 HCS
Skin Irritation, Eye Irritation, Respiratory Irritation

2.2 GHS Label Elements

Hazard pictograms (GHS-US)

Irritant:



Corrosive:



Signal word:

Warning

Hazard statements (GHS-US)

H303: May be harmful if swallowed
H313: May be harmful in contact with skin
H319: Causes serious eye irritation
H333: May be harmful if inhaled

Precautionary statements (GHS-US)

P301: If Swallowed: Rinse mouth. Dilute with large quantities of water or milk and seek medical attention.
P333+313: If skin irritation or rash occurs, get medical advice/attention.
P305: If in eyes: Flush with clear water for a minimum of 15 minutes and seek medical attention. Prolonged contact may cause burns and corneal injury.

2.3 Hazards not otherwise classified or not covered by GHS: None

SECTION 3: Composition/information on ingredients

Name	Product Identifier	%	Exposure Controls
Tetrapotassium Pyrophosphate Anhydrous	CAS No. 7320-34-5	4	15 mg/m ³ (total dust) 8-hr TWA, 5 mg/m ³ (respirable) 8-hr TWA
Potassium Hydroxide	CAS No. 1310-58-3	3-4	2 mg/m ³
Triethanolamine	CAS No. 120-71-6	<2	PEL: 5 mg/m ³
Secondary Alcohol Ethoxylate	CAS No. 84133-50-6	<2	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

General Advice: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Show this SDS to the doctor. Move out of dangerous areas.

If inhaled: Go into open air and ventilate the suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call Poison Control or doctor if you feel sick.

In case of skin contact: Wash thoroughly with mild soap and water. Overexposure can cause itching and redness. Prolonged contact may cause burns. Consult doctor if irritation persists.

In case of eye contact: Flush with clear water for at least 15 minutes. Remove contact lenses if present and able. This product may be severely irritating to the eyes; prolonged contact may cause burns and corneal injury. Seek medical attention.

If swallowed: Dilute with large quantities of water or milk. Ingestion may cause irritation of the throat, stomach and GI tract. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 for complete list of health hazard data

4.3 Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray to keep fire-exposed containers cool.

5.2 Special hazards arising from the substance or mixture

Fire hazard: Not applicable

Explosion hazard: Extreme heat may cause sealed containers to rupture

Reactivity: Not applicable

5.3 Advice for firefighters

Firefighting instructions: Minimize breathing gases, vapor, fumes or decomposition products.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including self-contained breathing equipment and chemical-resistant clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Keep away from heat/sparks/open flames. No smoking. Avoid breathing (vapor, mist). Handle in accordance with good industrial hygiene and safety practice.

Protective equipment: Use appropriate personal protection equipment (PPE). See section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.2 Environmental precautions

Prevent entry to sewers and public waters and advise authorities if this occurs.

6.3 Methods and material for containment and cleaning up

For containment: Absorb and/or contain spill with inert non-combustible material, then place in suitable container. Return large amounts to sealed container for disposal. Rinse spill area with soap and water. As much as possible, avoid placing material itself in trash or rinsing down drains. Clear up spills immediately and dispose of waste safely.

6.4 Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear recommended personal protective equipment (see section 8). Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Do not reuse container. Do not store or mix with strong acids or oxidizers.

7.3 Specific End Use

No other uses are intended apart from the use mentioned in Section 1.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

See Section 3, Composition/Information on Ingredients.

8.2 Exposure Controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practices. Ensure all national and local regulations are followed. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Protective glasses and chemical-resistant gloves.

Body Protection: Not applicable

Respiratory Protection: Not applicable

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Pink
Odor	None
Odor threshold	No data available
pH	12.5-13.5 (in 5% emulsification)
Relative evaporation rate	<<1.0 (Butyl Acetate = 1)
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash Point	>200°F
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	No data available
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Density	1.07@60°F (Specific Gravity, H ₂ O=1)
Solubility	Complete
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
%Solids By Weight	No data available

9.2 Other information: No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

None determined

10.2 Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of Hazardous Reactions

None determined. Hazardous decomposition products include oxides of phosphorus from combustion. Hazardous polymerization will not occur.

10.4 Conditions to Avoid

Avoid contact with strong oxidizing agents.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Overexposure may cause itching and redness. Prolonged contact may cause burns.

Eye Damage/Eye Irritation: Direct contact may be severely irritating; prolonged contact may cause burn and corneal injury.

Respiratory or skin sensitization: Overexposure can cause itching and redness. Prolonged contact may cause burns.

Germ cell mutagenicity: Not classified

Carcinogenicity: Does not contain carcinogenic substances greater than 0.1%

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: Irritation to mucus membranes

Symptoms/injuries after eye contact: Direct contact may be severely irritating; prolonged contact may cause burn and corneal injury.

Symptoms/injuries after ingestion: Irritation of the throat, stomach and GI tract.

SECTION 12: Ecological information

12.1 Toxicity: Not determined

12.2 Persistence and degradability: Not determined

12.3 Bioaccumulative potential: Not determined

12.4 Mobility in soil: Not determined

12.5 Results of PBT and vPvB assessment: Not determined/not required

12.6 Other adverse effects: Not determined

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Return product to sealed container and dispose in the same manner as other petroleum products. Do not dispose in trash and only rinse small amounts as necessary into drains. Contain any spills with inert absorbent and safely dispose in trash. Do not dump into any sewers or bodies of water.

13.2 Contaminated Packaging: Remove as much product as possible from packaging and dispose as noted in 13.1; safely dispose of packaging in approved waste containers.

SECTION 14: Transport information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

NMFC Class: 65

SECTION 15: Regulatory information

SARA 302 Components: Not applicable

SARA 313 Components: Not applicable

SARA 311/312 Hazards: Secondary alcohol ethoxylate (acute)

Pennsylvania (Environmental) (Special) Hazardous Substances List: Potassium hydroxide (3-4%), Triethanolamine (2%)

California Proposition 65: Not applicable

U.S. Toxic Substances Control Act: Listed as required

TSCA8b: All components are listed or exempted

CEPA – Domestic Substances List: All substances in this product are listed in the Canadian DSL or are not required to be listed

SECTION 16: Other information

Indication of changes : 1/29/21

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

NFPA Information

NFPA health hazard	1 – Exposure could cause irritation but only minor residual injury even if no treatment is given
NFPA fire hazard	1 – Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur
NFPA reactivity	0 – Normally stable, even under fire exposure conditions, and not reactive with water



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard

Physical : 0 Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.