

U. S. Corrosion Technologies, LLC
P. O. Box 551625
Dallas, Texas 75355-1625
(972) 271-7361 Fax: (972) 278-9721

BULK

Sparkle™ Safety Data Sheet

1. IDENTIFICATION

Product Name: Sparkle™
Product Numbers: 55101, 55105
Product Type and Use: Aqueous Cleaner
Manufacturer: U.S. Corrosion Technologies, LLC
2638 National Drive, Garland, TX 75041
Telephone: 972-271-7361 Fax: 972-278-9721
Contact:
Emergency Telephone: CHEMTREC® USA (800) 424-9300
Outside US +1 (703) 527-3887

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)
Eye Irritation Category 2A
STOT-SE Category 3

Physical Hazard(s)
Flammable Liquids Category 2

Hazard(s) not otherwise classified
None

Labeling

Signal Word: DANGER
Pictograms: Exclamation Mark, Flame

Statements of Hazard

Hazard Statements

Causes serious eye irritation
May cause drowsiness or dizziness
Highly flammable liquid and vapor

Precautionary Statements

Store in a well-ventilated place. Keep cool. Keep away from heat, sparks, open flames and hot surfaces – No smoking. Keep container tightly closed. Avoid breathing mist, vapors or spray. Use only outdoors or in a well-ventilated area. Wear eye protection. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Dispose of contents and container in accordance with applicable regulations.
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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Propan-2-ol	67-63-0	20-30*

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Causes eye irritation. Avoid eye contact. Keep container closed.

Inhalation: Remove from exposure area to fresh air. Give artificial respiration if not breathing. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation persists.

Eye Contact: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center if you feel unwell.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Alcohol, Alcohol based solutions, any other media not listed above.

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel to distant, low lying sources of ignition and may ignite and explode.

Hazardous Combustion/ Decomposition Products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition and take precautionary measures against static discharges.

Methods and materials for containment and cleaning up: Do not flush into surface water or sanitary sewer system. Dike and contain spillage. Soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for disposal according to local / national regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Avoid eye contact. Follow all SDS/label precautions even after container is empty due to residue.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Keep container tightly closed when not in use. Avoid excess heating, high temperatures, sparks, hot surfaces, open flames, and all other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Component	ACGIH		OSHA		STEL ppm	STEL mg/m ³
	TLV ppm	TLV mg/m ³	PEL ppm	PEL mg/m ³		
Propan-2-ol	200	980	400	980	400	-

Engineering Controls: Use outdoors or with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation and for exposures above occupational exposure limits wear a NIOSH approved air purifying respirator with organic vapor cartridge.

Hand / Skin Protection: None required during typical use. For sensitive skin, wear impermeable gloves such as neoprene or nitrile rubber gloves.

Eye / Face Protection: Safety glasses with side-shields. An eyewash station should be available to the area of use.

General Hygiene Measures: Avoid eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent	Autoignition Temperature:	Not established
Physical State:	Non-viscous liquid	Volatile by volume (%):	100
Odor:	Fresh	Vapor Density (Air=1) :	>1
Color:	Light blue	Evaporation Rate (BuAc=1) :	0.87
Viscosity, cSt @ 40°C:	Not established	Vapor Pressure, mmHg @23°C:	>1 mmHg
cSt @ 104°C:	Not established	Solubility in water:	Soluble
pH:	8	Octanol/Water Partition:	
Boiling Point/ Range:	>180.7°F / 82.6°C	Propan-2-ol log Kow:	0.05
Melting Point:	<32°F / 0°C	VOC Content g/L (%):	120 (12)
Flash Point:	13°C / 55°F	Specific Gravity @ 22.2°C:	1.0
Method:	Cleveland Open Cup	Pour Point:	Not established
Lower Explosive Limit (vol %):	2	Non-volatile by Volume (%):	0
Upper Explosive Limit (vol %):	12.7	Dielectric Strength (KV):	Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Avoid high temperatures, sparks, open flame, hot surfaces and all other sources of ignition.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Bases, acids, and strong oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: Not established

Ingredient Information; Propan-2-ol: Skn-Rbt LD50 - >5,000 mg/kg, Ihl-Rat LC50 - 72.6 mg/L 4h, Ori-Rat LD50 - >5,000 mg/kg

Acute Effects

Signs and Symptoms of Overexposure: Eye Irritation, Coughing, Sneezing, Drowsiness, Dizziness

Inhalation: May cause coughing and sneezing. Prolonged or repeated inhalation may cause drowsiness and dizziness.

Skin Contact: Prolonged or repeated contact may cause mild irritation in sensitive individuals.

Eye Contact: Causes stinging, tearing and redness.

Ingestion: Large amounts may cause nausea, vomiting and diarrhea.

Primary Route(s) of Exposure: Eyes, Inhalation

Primary Route(s) of Entry: Inhalation, Ingestion

Target Organs: Eyes, Central Nervous System, Lungs

Chronic Effects: None known

Carcinogenicity: Not established

Medical Conditions Aggravated by Exposure: May aggravate existing eye and respiratory conditions such as asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not established

Ingredient Data: Not established

Elimination Information: Propan-2-ol log Kow: 0.05

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with local regulations. Smaller quantities can be disposed of with household waste.

Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

Road Transport

DOT Hazard Class: 3

Description: Flammable liquids, n.o.s., (Isopropanol)

UN-No.: UN1993

Proper Shipping Name: Flammable liquids, n.o.s., (Isopropanol)

Sea Transport

IMDG/GGV See Class: 3

UN-No.: UN1993

Packing Group: III
Proper Shipping Name: Flammable liquids, n.o.s., (Isopropanol)

Air Transport

ICAO/IATA Class: 3

UN-No.: UN1993

Packing Group: III

Shipping Name: Flammable liquids, n.o.s., (Isopropanol)

15. REGULATORY INFORMATION

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components are included on the Inventory

Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
X	-	X	-	-

16. OTHER INFORMATION

Prepared by: U.S. Corrosion Technologies, LLC Technical Services Department

Issue Date: 9/3/2015

Supersedes Date: 4/14/2015

Revision Indicator: First version

National Fire Protection Association (704)

Health: 1

Flammability: 3

Reactivity: 0

Other:

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: U. S. Corrosion Technologies, LLC (972) 271-7361.