



SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 0 Reactivity- 0 Pers.
Protection- B
WHMIS: B 3, D 2 B

NFPA:
Health- 1 Flammability- 0 Reactivity- 0 Special Hazard-
N

Section 1: Product and Company Identification

Product: Shine Stainless Steel Cleaner -Ready To Use
Misco Industrial, LLC
109 Space Park N
Goodlettsville, TN 37072

Synonyms: Water Soluble Micro-Emulsion
SHAKE BEFORE USE

Non-Emergency:
US 615-334-1861
International +01-330-874-1017

24 hr Emergency Spill Information:
Chem-Tel, Inc.
US, Canada: 800-255-3924. International:
+01-813-248-0585

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Pale Yellow liquid



WARNING

Flammability : Non Flammable Liquid

Health Hazards Listed : May be Irritating to eyes. Irritating to skin.

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Risk Phrases:
R36 - Irritating to eyes
R37 - Irritating to respiratory system
R38 - Irritating to skin

Safety Phrases:
S2 - Keep out of the reach of children
S13 - Keep away from food, drink and animal feedingstuffs
S25 - Avoid contact with eyes

Hazard Phrases:
H303 - May be harmful if swallowed
H332 - Harmful if inhaled
H316 - Causes mild skin irritation

Precautionary Phrases: P202 - Do not handle until all safety precautions have been read and understood.

Likely Routes of Exposure: Skin, eyes

Eye: R 36: Direct exposure can irritate
 Skin: R 38: Prolonged or repeated exposure can irritate
 Ingestion: Can cause digestive distress
 Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Non-ionic Surfactant Blend	NA (Mixture)	18-22	Y
Water	7732-18-5	60-65	Y
Ethyl Lactate	97-64-3	10-12	Y
Sodium Xylene Sulfonate	1300-72-7	2-3	Y
Soy methyl ester	67762-38-3	3-4	Y
Fragrance	NA (Mixture)	<0.3	Y

Section 4. First Aid Measures

Eye Contact: S26: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.

Skin Contact: S28: Wash with soap and water.

Inhalation: S 63: If irritation occurs, move person to fresh air

Ingestion: S 64: If conscious, give water or milk to drink. Consult a physician.

Note to Physicians: Induction of vomiting is NOT advised; product consists of bio based materials and fragrance oils.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical.

Unsuitable Extinguishing Media: Water. Bulk liquid could float on the surface of water and keep burning.

Products of Combustion: Oxides of carbon and nitrogen

Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures
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Personal Precautions: Keep away from skin and eyes.

Environmental Precautions: Keep liquid out of surface waters

Methods for Containment: Dike with sand, clay or other suitable material

Methods for Clean-Up: Absorb on sand, clay or other suitable material

Other Information:

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Store container tightly closed and in upright position

Section 8. Exposure Controls/Personal Protection
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EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Non-ionic Surfactant Blend	NA	NA
Water	NA	NA
Ethyl Lactate	NA	NA
Sodium Xylene Sulfonate	NA	NA
Soy methyl ester	NA	NA
Fragrance	NA	NA

Engineering Controls: Not normally necessary.

Eye/Face Protection: Wear protective goggles/ eyewear

Skin Protection: Not normally necessary.

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Reasonable care. S 13: Keep away from food and beverages.

Section 9. Physical and Chemical Properties

Color: Pale yellow	Odor: Citrus like aroma
Physical State: Liquid	Odor Treshhold:
pH: 5-7	Freezing Point: Not determined
Evaporation Rate: Not determined	Boiling Point: Not determined
Flash Point: > 205F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure:	Specific Gravity: 1.01
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Water soluble emulsion : SHAKE BEFORE USE
Not determined	Percent Volatile: Not determined

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50: Not determined for mixture.

Dermal LD50: Not determined for mixture.

Inhalation: Not determined for mixture.

Eye Irritation: Direct contact can result in severe irritation
Skin Irritation: Prolonged or repeated contact can irritate or dry skin.
Sensitization: None known

CHRONIC EFFECTS

Carcinogenicity: None known
Mutagenicity: None known
Reproductive Effects: None known
Developmental Effects: None known

Section 12. Ecological Information

Ecotoxicity: None known
Persistence/Degradability: Biodegradable.
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to Federal, State or Provincial, and Local regulations.

Section 14. Transportation Information

US DOT (ground)
Proper Shipping Description: Not Hazardous
CANADA TDG (ground)
Proper Shipping Description: Not Hazardous
ICAO (air)
Proper Shipping Description: Not a Dangerous Good
IMDG (water)
Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : No SARA 313 Substances present

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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