

SAFETY DATA SHEET

SDS PREP DATE: 1/31/2018

SDS REVISION DATE: 4/16/2015

**3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111**

Product ID: ML-1901-4

24-Hour Emergency Telephone: (800) 255-3924

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Company and Product Identification

The Starco Group
3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111

24-Hour Emergency Telephone: (800) 255-3924

Product ID: ML-1901-4

Product Name: Sparkle Non Ammoniated Glass Cleaner 4x1 ga

Intended Use: Glass Cleaner

Section 2: Hazard(s) Identification

Product Signal Word: WARNING

Physical Hazard Classification: Non Hazardous

Physical Hazard Precautionary Statements:

Causes skin and eye irritation.

IF ON SKIN: Gently wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 5

Acute Toxicity - Inhalation - Level 4

Eye Damage/Irritation -Level 2A



Health Hazard Statements:

May be harmful if swallowed.

Causes serious eye irritation.

Harmful if inhaled.

First-Aid Statement(s):

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor/physician if you feel unwell.

If eye irritation persists: Get medical advice/attention.



SAFETY DATA SHEET

SDS PREP DATE: 1/31/2018

SDS REVISION DATE: 4/16/2015

Product ID: **ML-1901-4**

**3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111**

24-Hour Emergency Telephone: (800) 255-3924

Handling and Storage Statement(s):

Exposure Control / Personal Protection Statement(s):

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hands and exposed areas thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.

Disposal Statement(s):

Section 3: Product Composition

	CAS#	% Range		PEL	TLV
2-BUTOXYETHANOL	111-76-2	0%	2%	25 PPM	25 PPM
ISOPROPYL ALCOHOL	67-63-0	1%	5%	400 PPM	400 PPM
INERT MATERIAL	7732-18-5	90%	100%	N/D	N/D
Sodium Lauryl Sarcosinate	205-281-5	1%	3%	NE	NE

Specific chemical identity and exact percentages are withheld as Trade Secret.

Section 4: First-Aid Measures

- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a POISON CENTER/doctor/physician if you feel unwell.
- If eye irritation persists: Get medical advice/attention.
- THRESHOLD LIMIT VALUE: See Section III
- EFFECTS OF OVER EXPOSURE: Irritation to skin and eyes.
- EMERGENCY FIRST AID PROCEDURES:
 - SKIN: Wash with soap and water.
 - EYE: Flush with water for at least 15 minutes.
 - INHALATION: Remove to fresh air. See a physician if irritation persist.
 - ORAL: Call a physician. Do not induce vomiting.
 - ADDITIONAL: Contact with eyes will be painful and irritating. Prolonged or repeated contact with skin may cause irritation. Mist caused by manufacturing operations may irritate the nasal passages.

Section 5: Fire-Fighting Measures

FIRE & EXPLOSION HAZARDS: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, venting containers.

SAFETY DATA SHEET

SDS PREP DATE: 1/31/2018

SDS REVISION DATE: 4/16/2015

Product ID: ML-1901-4

**3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111**

24-Hour Emergency Telephone: (800) 255-3924

FIRE FIGHTING EQUIPMENT: At elevated temperatures (above 120 F) containers may vent, rupture, or burst.

EXTINGUISHING MEDIA: Foam Dry Chemical, Carbon Dioxide.

Section 6: Accidental Release Measures

SPILL PROCEDURES: Pick up free material for recycle/disposal.

WASTE DISPOSAL: Disposal should be in compliance with Federal, State and local laws.

Section 7: Handling and Storage

VENTILATION PROCEDURE: Use adequate ventilation

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

RESPIRATORY PROTECTION: When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: None

Section 8: Exposure Control / Personal Protection

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands and exposed areas thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

VENTILATION PROCEDURE: Use adequate ventilation

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

RESPIRATORY PROTECTION: When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: None

Section 9: Product Properties

Flash Point (CCP): > 200 F

Boiling Point for Product: < 212 F

Vapor Pressure for Product: ND

Vapor Density for Product: > 1.0

SAFETY DATA SHEET

SDS PREP DATE: 1/31/2018

SDS REVISION DATE: 4/16/2015

Product ID: ML-1901-4

**3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111**

24-Hour Emergency Telephone: (800) 255-3924

Specific Gravity: 0.997

V.O.C.: 2.3% by weight

Water Solubility: complete

Appearance: Clear thin blue liquid with an alcohol odor

PH: 7.5 +/- 0.5

Section 10: Stability and Reactivity

INCOMPATIBILITY: Strong Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide, Hydrogen Sulfide, Nitrous Oxides and Ammoniacal Vapors.

POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

2-BUTOXYETHANOL 111-76-2

Acute oral toxicity : LD50 Guinea pig: 1,200 mg/kg
Acute inhalation toxicity : LC50 Guinea pig: > 633 ppm, 1 h
Acute dermal toxicity : LD50 Guinea pig: > 2,000 mg/kg

ISOPROPYL ALCOHOL 67-63-0

Acute oral toxicity: LD50 Mouse: 3600 mg/kg
Acute inhalation toxicity: LC50 Rat: 16000 ppm, 8 hours
Acute dermal toxicity: LD50 Rabbit: 12800 mg/kg

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin [POSSIBLE]. May cause damage to the following organs: kidneys, liver, skin, central nervous system (CNS).

Other Toxic Effects on Humans:

Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer, permeator).

Sodium Lauryl Sarcosinate 205-281-5

Acute Oral Toxicity: LD50 (rat) > 5000 mg/Kg
 Acute Inhalation Toxicity: LD50 (rat) 1 - 5 mg/L 4 Hr.

Section 12: Ecological Information

2-BUTOXYETHANOL 111-76-2

Aquatic Toxicity LC50 Fish: 1490 mg/L
 Aquatic Toxicity EC50 Crustacea: 550-1000 mg/L

ISOPROPYL ALCOHOL 67-63-0

Ecotoxicity: Ecotoxicity in water (LC50): 100000 mg/l 96 hours [Fathead Minnow]. 64000 mg/l 96 hours [Fathead Minnow].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.



SAFETY DATA SHEET

SDS PREP DATE: 1/31/2018

SDS REVISION DATE: 4/16/2015

**3137 E. 26th Street
Vernon, CA 90058
(323) 266-7111**

Product ID: ML-1901-4

24-Hour Emergency Telephone: (800) 255-3924

Special Remarks on the Products of Biodegradation: Not available.

Sodium Lauryl Sarcosinate 205-281-5
 Toxicity to Fish: LC50 (Zebra Fish) 107 mg/L 96 Hr.
 EC50 (Water Flea) 29.7 mg/L 48 Hr.
 ErC50 (green Algae) 79 mg/L 72 Hr.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "*". Additional ecological information is Not Determined.

Section 13: Disposal Information

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 14: Transportation Information

DOT Proper Shipping Name: (NOT REGULATED)

Section 15: Regulatory Information

	CAS#	PEL	TLV
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM
ISOPROPYL ALCOHOL	67-63-0	400 PPM	400 PPM
INERT MATERIAL	7732-18-5	N/D	N/D
Sodium Lauryl Sarcosinate	205-281-5	NE	NE

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*".

Section 16: Other Information

Consumer Product Safety Act Certificaton.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.