



SAFETY DATA SHEET

Revision Date: 1/5/2014 / Printed Date 4/23/2015

Product Code: 0706

Product Name: Sparkle

1. Product Identification

Algonquin Products Company
770-578-4240
PO Box 87005
Dartmouth, MA 02748
www.algonquinproducts.com

Product Code:	1432
Product Name:	Sparkle
Product Use:	Glass & Surface Cleaner
Emergency Phone:	CHEMTREC: 800-424-9300

2. Hazard Identification

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s).

GHS Acute effects:

Eye: Direct contact may cause temporary redness of discomfort.

Skin: No significant irritation expected from a single exposure.

Inhalation: No significant irritation expected from a single exposure.

GHS Precautionary Statement(s) – Prevention

P102- Keep out of reach of children

P101- If medical advice is needed, have product container or label at hand.

P103- Read label before use.

P264 - Wash skin and contaminated clothing thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P234 - Keep only in original container.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

GHS Precautionary Statement(s) – Response

IF IN EYES - Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a physician if irritation persists.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call poison control/physician immediately.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Contact a physician immediately if irritation persists. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)

GHS Precautionary Statement(s) - Storage

Store in a secure manner.

Store in a well-ventilated place.

Keep cool.

GHS Precautionary Statement(s) - Disposal

Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations.

Potential Health Effects



Routes of exposure Inhalation. Ingestion. Skin contact. Eye contact.

Eyes Causes eye irritation. High vapor/aerosol concentrations may be irritating.

Skin Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Inhalation May cause irritation to the mucous membranes and upper respiratory tract. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Ingestion Irritating. May cause nausea, stomach pain and vomiting. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

Target organs Eyes. Respiratory system. Skin. Central nervous system.

Chronic effects Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis

ECOLOGICAL HAZARDS: Keep out of water supplies and sewers. This material is alkaline and may raise the pH of surface waters. This material has exhibited moderate toxicity to aquatic organisms.

PRECAUTIONARY STATEMENTS: Avoid breathing vapors or mist. Avoid contact with skin, eyes, and clothing. Keep container tightly closed. Wash thoroughly after handling/ Use only with adequate ventilation.

3. Composition / Information on Ingredients

Chemical Name:	CAS Number	% By Weight
Isopropyl Alcohol	67-63-0	1-5

Unless listed immediately above, the product contains no hazardous ingredients as listed on the Massachusetts Hazardous Substance List or under §1910.1200 of Title 29 of the Code of Federal Regulations.

4. First Aid Measures

Eyes	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses if present and easy to do. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention if irritation persists.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing any contaminated clothing and shoes. Discard contaminated clothing in a manner which limits further exposure, making sure to wash before reuse. Contact a physician immediately if irritation persists.
Ingestion	Do not induce vomiting. If victim is conscious and alert, give 2-4 cups of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Inhalation	Remove from exposure and move to fresh air immediately and keep comfortable for breathing. If breathing is difficult, give oxygen. Call a doctor or poison control center if symptoms persist. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Call a doctor or poison control immediately.

Notes to Physician: Treat symptomatically and supportively. Consult a doctor and/or the nearest Poison Control Centre for all exposures.

5. Fire Fighting Measures

Suitable extinguishing media:

Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form: Carbon Dioxide, Carbon Monoxide.



6. Accidental Release Measures

Protective Measures: Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator. Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8. Eliminate potential sources of ignition. Handling equipment must be bonded and grounded to prevent sparking.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible sorbent materials or pumping. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: U.S.A. regulations may require reporting spills of this material that could reach any surface waters. Report spills to local authorities and/or the National Response Center at (800) 424-8802 as appropriate or required.

7. Handling and Storage

Precautionary Measures: Liquid evaporates and forms vapor (fumes) that can catch fire and burn with explosive force. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85F.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations, which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids, National Fire Protection Association (NFPA 77), Recommended Practice on Static Electricity' (liquids, powders and dusts), and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents' (liquids).

General Storage Information: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner, or disposed of properly. DO NOT USE OR STORE near heat, sparks or open flames. USE AND STORE ONLY IN WELL VENTILATED AREA. Keep container closed when not in use.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

8. Exposure Controls / Personal Protection

Chemical Name:	PEL (OSHA)	TWA (ACGIH)	TLV (ACGIH)
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Isopropyl Alcohol	400ppm	200ppm	200ppm
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VENTILATION SYSTEM: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH Approved): If exposure is anticipated to be greater than applicable exposure limits, wear a NIOSH approved respirator that provides adequate protection from measured concentrations of this material. Use the following elements for air-purifying respirators: Air-Purifying Respirator for Organic Vapors Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

SKIN PROTECTION: Wear chemical resistant protective clothing, including apron, boots or safety shoes depending on the concentration and quantity of the hazardous substance handled. The chemical resistance of the protective equipment should be inquired at the equipment supplier. Suggested materials for protective gloves include: Nitrile, or Viton.

EYE PROTECTION: Use chemical safety glasses and/or full face shield where splashing is possible. Maintain eye wash fountain and quick drench facilities in work area.

9. Physical and Chemical Properties

Appearance	Blue Liquid
pH	7-8
Volatile (% V.O.C. by volume):	2.54
Flashpoint	>170
Freezing Point	32F
Vapor Pressure (mm Hg)	Not Known
Lower Explosion Limits	Not Determined

Odor	Faint
Specific Gravity	0.97
Solubility In Water	Complete
Melting Point	Not Known
Vapor Density (Air=1):	Not Know
Evaporation Rate (BuAc=1):	Slower Than Water
Upper Explosion Limits	Not Determined

10. Stability & Reactivity

Stability: Stable under ordinary ambient and anticipated storage and handling conditions of temperature and pressure.

Hazardous Decomposition Products: Carbon Oxides.

Hazardous Polymerization: Will not occur.

Incompatibilities: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, strong acids etc.

Conditions to avoid: heat, sparks, fire, oxidizing agents, and direct sunlight.

11. Toxicological Information

The severity of the tissue damage is a function of its concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. Repeated exposure may cause dermatitis. Eye contact can cause severe irritation, corrosion with possible corneal damage. Ingestion may cause irritation, corrosion/ulceration, nausea, and vomiting.

Chemical Name:		Species	Dose
Isopropyl Alcohol	LD50 Oral	Rat	5045mg/kg



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Isopropyl Alcohol	LD50 Dermal	Rabbit	12800mg/kg
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12. Ecological Information

Environmental Fate: Not established
 Environmental Toxicity: Not available

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Large amounts should be given to a licensed disposal agency. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local regulations.

14. Transportation Information

Transportation Hazard Class	Non regulated
Placard Required	None
DOT Classification (Domestic, Land)	Class 55 Cleaning Compounds

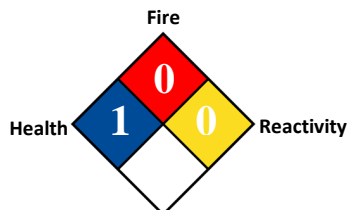
15. Regulatory Information

Not Known
 Not Known.

16. Regulatory Information

DISCLAIMER:
 See the product label for proper use directions.

HMIS (U.S.A.):



0= None
 1=Slight
 2=Moderate
 3=Serious
 4=Extreme

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OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Safety Data Sheet available to your employees and customers.