

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Identification: Product Name: Staticide® Anti-Glare Screen Cleaner
Product Number: 8040, 8040B, and 8042

Product description: Cleaner for glass, computer and television screens.
Product type: Liquid
Application: Industrial applications, professional applications

Recommend use:

Manufacturer: ACL Incorporated
840 W. 49th Place
Chicago, IL 60609
PH: (01) 847.981.9212 [U.S.A.]
FAX: (01) 847.981.9278 [U.S.A.]

Emergency telephone: INFOTRAC: (01) 800.535.5053 (day or night)

Section 2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition: Mixture

Physical/chemical hazards: **Not classified**

Human health hazards: **Not classified**

Environmental hazards: **Not classified**

2.2 Label elements

Hazard pictograms: **No symbol**

Signal word: **Warning**

Hazard statements: No hazards known

Precautionary statements

General P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

Prevention: Not a hazardous substance or mixture.

Response:

Not a hazardous substance or mixture.

Storage Not a hazardous substance or mixture. See section 7 for storage details.

Disposal Not a hazardous substance or mixture. See section 13 for disposal details.

Hazardous ingredients: NA

Supplemental label elements: NA

Annex XVII: Not applicable

Special packaging requirements

Containers to be fitted with child-resistant fastenings: Not applicable

Tactile warning of danger: Not applicable

Section 3	COMPOSITION / INFORMATION ON INGREDIENTS
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Substance/Mixture : Mixture

CHEMICAL	CAS	CLASSIFICATION	WEIGHT %
Deionized Water	7732-18-5	Not classified	97 – 99%
Butyl Cellusolve	111-76-2	Flam. Liq. 4; H227 Acute Tox oral 4; H302 Acute Tox inhalation 4; H332 Acute Tox dermal 4; H312 Skin Irritation 2; H315 Eye Irritation. 2A; H319	< 1
Isopropanol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	< 1

Section 4	FIRST AID MEASURES
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4.1 Description of first aid measures

Inhalation: If symptoms are experienced, remove the source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult give oxygen.

Eye Contact: Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

Skin Contact: If irritated, Wash with soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, seek medical attention.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. Wear gloves

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data

Section 5	FIRE FIGHTING MEASURES
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5.1 Extinguishing media

Suitable extinguishing media: Pulverized water, foam

Unsuitable extinguishing media: Not known

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information: No data available

Section 6	ACCIDENTAL RELEASE MEASURES
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6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Section 7	HANDLING AND STORAGE
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7.1 Precautions for safe handling

Avoid contact with eyes and breathing vapor. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2

No other specific uses are stipulated

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
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8.1 Control parameters

Occupational exposure limits

Product/ingredient name	OSHA PEL	ACGIH TLV	NIOSH REL
Isopropanol	400 ppm TWA ; 980 Mg/m ³ 500 ppm STEL ; 1225 Mg/m ³	400 ppm TWA ; 983 Mg/m ³ 500 ppm STEL ; 1230 Mg/m ³	5 ppm TWA 240 Mg/m ³ 500 ppm STEL 1225 Mg/m ³
Butyl Cellusolve	20 ppm TWA ;	20 ppm TWA ; upper respiratory tract irritation eye irritation ; Potention for dermal absorbtion	400 ppm TWA 980 Mg/m ³

Recommended monitoring procedures: Not established

DNELs/DMELs: No DNELs/DMELs available.

PNECs: No PNECs available

8.2 Exposure controls

Appropriate engineering controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. See section 2 for component exposure guidelines. Local Exhaust ventilation acceptable

Individual protection measures

Hygiene measures: Wash hands before eating, smoking and using the lavatory and at the end of the working period. When using, do not eat or drink. When using, do not smoke.

Eye/face protection: Ensure that eyewash stations are proximal to the work-station location. Splash Goggles are recommended.

Skin protection: NA

Hand protection: For normal conditions, protection is not necessary.

Body protection For normal conditions, protection is not necessary.

Other skin protection: For normal conditions, protection is not necessary..

Respiratory protection: For normal conditions, protection is not necessary.

Environmental exposure controls: For normal conditions, protection is not necessary.

In Case of Large Spill: Splash goggles, full suit, vapor respirator, boots, gloves and a self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties

Appearance	Clear Blue liquid
Odor	Pleasant
pH	7
Melting point/freezing point	NA / <0
Initial boiling point and boiling range	>93°F / 33.8°C
Flash point and method	NA
Evaporation rate	(H2O=1) > 1
Flammability (solid, gas, liquid)	Not flammable
Upper/lower flammability or explosive limits	NA
Vapor pressure	No data available
Vapor density (air=1)	>2
Relative density	1.0
Solubility(ies).	Miscible
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Volatile by weight	No data available

9.2 Other safety information

VOC	<2 % by weight
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Section 10	STABILITY AND REACTIVITY
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10.1 Reactivity No data available

10.2 Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No data available

10.4 Conditions to avoid No data available

10.5 Incompatible materials No data available

10.6 Hazardous decomposition products Other decomposition products

No data available In the event of fire: see section 5

Section 11	TOXICOLOGY INFORMATION
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11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Isopropanol	LD ₅₀ dermal	Rabbit	12,800 mg/kg	-
	LC ₅₀ inhalation	Rat	72.6 mg/l	4 hours
	LD ₅₀ oral	Rabbit	6410 mg/kg	-
Butyl Cellusolve	LC ₅₀ dermal	Rabbit	1,060 mg/kg	-
	LD ₅₀ oral	Rat	880 mg/kg	-

Conclusion/Summary: Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Exposure
Isopropanol	Eye irritation	Rabbit	24 hours
	Mild skin irritation	Rabbit	
Butyl Cellulose	Eye irritation	Rabbit	24 hours
	skin irritation	Rabbit	20 hours

Conclusion/Summary : Not available

Sensitization Conclusion/Summary: Not available.

Product/ingredient name	Result	Species	Test
Isopropanol	Does not cause skin sensitization	Guinea Pig	Bueler
Butyl Cellulose	Does not cause skin sensitization	Guinea Pig	OECD Test Guideline 406

Mutagenicity Conclusion/Summary: Not available.

Product/ingredient name	Result	Species	Test
Isopropanol	Negative	Bacteria	Ames test Method: OECD Test Guideline 471
Butyl Cellulose	Result: negative	Mouse, male	Method: OECD Test Guideline 474

Carcinogenicity Conclusion/Summary:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity Conclusion/Summary: Not available.

Teratogenicity Conclusion/Summary: Not available.

Specific target organ toxicity (single exposure) Inhalation, Oral - May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Not available.

Aspiration hazard: Not available.

Information on the likely routes of exposure: Not available.

Section 12

ECOLOGICAL INFORMATION

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Isopropanol	LC50 > 1,400 mg/l	Lepomis macrochirus (Bluegill sunfish)	96 hours
	EC50 > 2,285 mg/l	Daphnia (water flea)	48 hours
Butyl Cellulose	LC50 > 1474 mg/l	Oncorhynchus mykiss (rainbow trout)	96 hours
	Immobilization EC50 > 1515 mg/l	Daphnia (water flea)	48 hours
	Growth inhibition EC50 >	Pseudokirchneriella subcapitata (green algae)	72 hours

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Isopropanol	OECD Test Guideline 203	Not determined	-	-
Butyl Cellulolve	OECD Test Guideline 301B	90.4 %	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Isopropanol	-	-	Readily biodegradable
Butyl Cellulolve	-	-	Readily biodegradable

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Isopropanol	Low value	-	Not likely
Butyl Cellulolve	No data	-	Not likely

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available.

Mobility: Not available.

12.5 Results of PBT and vPvB assessment

PBT: Not available.

vPvB: Not available.

12.6 Other adverse effects: No known significant effects or critical hazards.

Section 13	DISPOSAL CONSIDERATIONS
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The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal: Offer surplus and non-recyclable solutions to a licensed disposal company

Hazardous waste: The classification of the product does not meet the criteria for a hazardous waste.

Contaminated Packaging

Methods of disposal: Dispose of as unused product. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions:

RCRA 40 CFR 261 Classifications: As packaged and after use, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14	TRANSPORTATION INFORMATION
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U.S. DOT Information Proper Shipping Name: NON HAZARDOUS MATERIAL

IATA	Hazard Class: NA Proper Shipping Name: NON HAZARDOUS MATERIAL Hazard Class: NA
IMDG	Proper Shipping Name: NON HAZARDOUS MATERIAL Hazard Class: NA

Section 15	REGULATORY INFORMATION
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US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117.302: None of the chemicals are CERCLA hazards

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 – Extremely hazardous substances (40 CFR 355): None of the chemicals are Section 302 hazards

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):
By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFR 372):
This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals. **No 313 Toxic Chemicals present at 1%**

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:
Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311)

This product contains the following chemicals which are listed: None of the chemicals are listed

STATE REGULATIONS:

California Proposition 65: --- None of the chemicals are on the Proposition 65 list---

INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

2-Butoxyethanol (Butyl Cellusolve) is on the DSL

2-Butoxyethanol is under the concentrated limit for non-aerosol cleaners (SOR/2006-347).

5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization
Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

Sections 16	OTHER INFORMATION
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NFPA HAZARD RATING: (0) Fire (1) Health (0) Reactivity

REVISION DATES, SECTIONS, REVISED BY:

13-AUG-91, Original release date
02-APR-01, Reviewed

08-SEPT-05, Revised and Reviewed all Sections, MKB
02-SEPT-08, Revised sections 11 & 16, MKB
02-FEB-10, Updated address and format, mkb
24-Apr-13 Revised sections 3 & 11, mkb
19-June-15 Revised to GHS, mkb

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
The Environmental Protection Agency (www.epa.gov)
ANSI Standard: ANSI Z400.1-1998
Merck Index

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