

## Safety Data Sheet

according to Regulation (EU) No. 2015/830 [CLP/GHS] & (US) OSHA HCS 29 CFR 1910.1200 rev.2012:

### Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

- 1.1 Identification: Product Name: Staticide® Anti-Glare Screen Cleaner  
Product Number: 8040, 8040B, and 8042  
CAS#: Mixture (see section 3)
- 1.2 Product description: Cleaner for glass, computer and television screens.  
Product type: Liquid  
Application: Industrial applications, professional applications
- 1.3 Manufacturer: ACL Incorporated  
840 W. 49<sup>th</sup> Place  
Chicago, IL 60609  
PH: (01) 847.981.9212 [U.S.A.]  
FAX: (01) 847.981.9278 [U.S.A.]
- Email of responsible party for SDS : [marykay@aclstaticide.com](mailto:marykay@aclstaticide.com)
- 1.4 Emergency telephone:  
US/Canada Emergency TEL: INFOTRAC: (01) 800.535.5053 (day or night)  
International Emergency TEL: INFOTRAC: 352.323.3500 (day or night)

### Section 2. HAZARDOUS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] & (US) OSHA HCS/HazCom 2012:

#### 2.1 Classification of the substance or mixture

Product definition: Mixture

Percentage of mixture consisting of ingredients of unknown toxicity: < 1%

Physical/chemical hazards: **Not classified**

Human health hazards: Skin irritation (Category 2), H315  
Eye irritation (Category 2A), H319

Environmental hazards: **Not classified**

#### 2.2 Label Elements

Hazard Pictograms:



Signal word: Warning

Hazard statements: H315 - Causes skin irritation  
H319 - Causes serious eye irritation

#### Precautionary statements

General If medical advice is needed, have container or label at hand (P101)  
Keep out of reach of children (P102)  
Read label before use (P103)

Prevention: Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Response:** If exposed or concerned: Get medical advice/attention  
P305 + P351 + P338 - **IF IN EYES:** Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/attention  
P302 + P352 - **IF ON SKIN:** Wash with plenty of soap and water  
P362 - Take off contaminated clothing and wash before reuse  
P332 + P313 - If skin irritation occurs: Get medical advice/attention

**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.

**2.3 Other Hazards:** 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

<b>Section 3</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
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**3.1 Substances**

**Substance/Mixture :** Mixture

CHEMICAL	CAS	CLASSIFICATION	WEIGHT %
Deionized Water	7732-18-5	Not classified	94 – 97%
2-Butoxyethanol	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	< 4
Isopropanol	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2A; H319 STOT SE 3; H336	< 0.5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

<b>Section 4</b>	<b>FIRST AID MEASURES</b>
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**4.1.1 General Information:** If exposed or concerned: Get medical advice/attention

**4.1.2 Inhalation:** If symptoms are experienced, remove the source of contamination or move victim to fresh air.

**4.1.3 Skin:** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/ attention.

**4.1.4 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/attention.

**4.1.5 Ingestion:** If swallowed, seek medical attention.

**4.1.6 Self-protection of the first aider:** 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

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation: No specific data

Skin contact: Causes serious eye irritation.

Ingestion: No specific data

Over-exposure signs/symptoms

Eye contact: No specific data

Inhalation: No specific data

Skin contact: No specific data

Ingestion: No specific data

**4.3 Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

<b>Section 5</b>	<b>FIRE FIGHTING MEASURES</b>
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**5.1 Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

<b>Section 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**6.1 Personal precautions, protective equipment and emergency procedures**

For personal protection: see section 8.

**6.1.1 For non-emergency personnel:** Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation.

**6.1.2 For emergency responders:** If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**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.

<b>Section 7</b>	<b>HANDLING AND STORAGE</b>
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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 incompatibilities:**

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

**Storage Conditions:** Ambient (40° - 90° F)

**Incompatible Materials:** None known based on information supplied.

**7.3 Specific end use(s) Apart from the uses mentioned in section 1.2:** No other specific uses are stipulated

<b>Section 8</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>
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## 8.1 Control parameters

### Occupational exposure limits

Product/ingredient name	OSHA PEL	ACGIH TLV	NIOSH REL
Isopropanol 67-63-0	400 ppm TWA ; 980 Mg/m <sup>3</sup> 500 ppm STEL ; 1225 Mg/m <sup>3</sup>	400 ppm TWA ; 983 Mg/m <sup>3</sup> 500 ppm STEL ; 1230 Mg/m <sup>3</sup>	5 ppm TWA 240 Mg/m <sup>3</sup> 500 ppm STEL 1225 Mg/m <sup>3</sup>
2-Butoxyethanol 111-76-2	20 ppm TWA ;	20 ppm TWA ; upper respiratory tract irritation eye irritation ; Potention for dermal absorbtion	400 ppm TWA 980 Mg/m <sup>3</sup>

Chemical Name	DNEL/ DMEL	PNEC
Isopropanol 67-63-0	No data available	No data available
2-Butoxyethanol 111-76-2	No data available	No data available

Recommended monitoring procedures: Not established

## 8.2 Exposure controls

**8.2.1 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

### 8.2.2 Individual protection measures, such as personal protective equipment

**8.2.2.1 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.

#### 8.2.2.2

**a) Eye and face protection** Ensure that eyewash stations are proximal to the work-station location. Splash Goggles are recommended.

**b) Skin protection** For normal conditions, protection is not necessary.

**c) Respiratory protection** For normal conditions, protection is not necessary.

**d) Thermal hazards :** None

**8.2.3 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	
9.1 Information on basic physical and chemical properties	
Appearance	Clear Blue liquid
Odor	Pleasant
Odor threshold	Note determined
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	(H <sub>2</sub> O=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
Explosive properties	Not applicable
Oxidising properties	Not applicable

## 9.2 Other safety information

VOC	<2 % by weight
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## Section 10 STABILITY AND REACTIVITY

**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

**11.1 – 11.1.4 Information on toxicological effects**

**a) Acute toxicity:** Mixture not classified (based on available data, the classification criteria are not met)

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

**Conclusion/Summary:** Not available.

**b) Skin Irritation/Corrosion:** Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Exposure
Isopropanol	Mild skin irritation	Rabbit	24 hours
2-Butoxyethanol	skin irritation	Rabbit	20 hours

**c) Eye Irritation/Corrosion:** Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Exposure
Isopropanol	Eye irritation	Rabbit	24 hours
2-Butoxyethanol	Eye irritation	Rabbit	24 hours

**Conclusion/Summary :** Not available

**d) Respiratory or Skin Sensitization:** Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Test
Isopropanol	Does not cause skin sensitization	Guinea Pig	Bueler
2-Butoxyethanol	Does not cause skin sensitization	Guinea Pig	OECD Test Guideline 406

**e) Germ Cell Mutagenicity:** Mixture not classified (based on available data, the classification criteria are not met).

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

**f) 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.

**g) Reproductive toxicity:** Mixture not classified (based on available data, the classification criteria are not met)

**h) STOT-single exposure:** Mixture not classified (based on available data, the classification criteria are not met)

**i) STOT-repeated exposure:** Mixture not classified (based on available data, the classification criteria are not met)

**j) Aspiration Hazard:** Mixture not classified (based on available data, the classification criteria are not met)

**11.1.5 Primary route(s) of exposure/entry:**

**Eye Contact:** Causes serious eye irritation

**Skin Contact:** Causes skin irritation

**Inhalation:** Not a normal route of exposure. Do not inhale

**Ingestion:** Not a normal route of exposure. Do not ingest

**11.1.6 Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact:** Causes serious eye irritation.

**Inhalation:** May cause drowsiness or dizziness.

**Skin contact:** Causes skin irritation.

**Ingestion:** May cause drowsiness or dizziness.

**11.1.7 Delayed and immediate effects as well as chronic effects from short and long-term exposure.**

No data available

**11.1.8 Interactive effects:** No data available

**11.1.9 Absence of specific data:** Only hazardous or classified substances are listed in section 11.

**11.1.10 Mixtures :** Mixture is not toxic. See sections 5 and 10 for reactions.

**11.1.11 Mixture versus substance information :** Only hazardous or classified substances are listed in section

**11.1.12 Other information:** No known significant effects or critical hazards.

## 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
2-Butoxyethanol	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	-	-
2-Butoxyethanol	OECD Test Guideline 301B	90.4 %	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Isopropanol	-	-	Readily biodegradable
2-Butoxyethanol	-	-	Readily biodegradable

**Conclusion/Summary :** Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Isopropanol	Low value	-	Not likely
2-Butoxyethanol	No data	-	Not likely

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>):** 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

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

#### 13.1.1 Product / Packing Disposal

**Product**

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

**Hazardous waste:** RCRA 40 CFR 261 Classifications: This 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.

**13.1.2 Waste treatment-relevant information:** Dispose of as unused product. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**13.1.3 Sewage disposal-relevant information:** Avoid release to the environment

**13.1.4 Other disposal recommendations:** Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

**California Hazardous Waste List (Title 22, section 66261.126, Appendix X)**

Chemical Name	California Hazardous Waste Status
Isopropanol 67-63-0	Toxic; ignitable

**Section 14 TRANSPORTATION INFORMATION**

	UN Proper Shipping Name	ADR Hazard Class	UN number	Packing Group	NOTE
<b>US DOT ground</b>	Non Hazardous Material	NA	NA	NA	
<b>US DOT air</b>	Non Hazardous Material	NA	NA	NA	
<b>IATA</b>	Non Hazardous Material	NA	NA	NA	
<b>IMDG</b>	Non Hazardous Material	NA	NA	NA	
<b>RID</b>	Non Hazardous Material	NA	NA	NA	
<b>ADN</b>	Non Hazardous Material	NA	NA	NA	

**Section 15 REGULATORY INFORMATION**

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

**CERCLA/Superfund, 40 CFR 117. 302:**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
No CERCLA chemicals	---	---	--

**Section 302** – None of the chemicals are extremely hazardous substances (40 CFR 355).

**Section 311/312** – Safety Data Sheet Requirements (40 CFR 370):

By our hazard evaluation, this product is not hazardous.

**SARA Section 313:**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropanol	67-63-0	<0.5	1.0
2-Butoxyethanol	111-76-2	<4	1.0

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



**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CFR 40 part 401.15 Toxic Pollutants	Appendix A to Part 423—126 Priority Pollutants	CWA - Hazardous Substances
Isopropanol	--	---	---	----
2-Butoxyethanol	---	---	---	----

**STATE REGULATIONS:**

The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropanol CAS 67-63-0	X	X	X
2-Butoxyethanol 111-76-2	X	X	X

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

California Safer Consumer Products list: Substances in this product are not candidates for the SCP.

**INTERNATIONAL REGULATIONS:**

**CANADA WHMIS:**

This SDS is written in accordance to the Hazardous Products Regulation (HPR) SOR/2015-17, schedule 1.

This product has been classified in accordance with the Hazardous Products Regulation (HPR).

All Intentionally present components are listed on the DSL

Ingredient Disclosure List (SOR/88-64):					
English	French	Substance	CAS	Threshold	Present in product
904	1050	Isopropanol	67-63-0	1	< 0.5
721	824	2-Butoxyethanol	111-76-2	1	<4

2-Butoxyethanol is under the 6% concentrated limit for non-aerosol cleaners (SOR/2006-347).

**15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

**EUROPEAN UNION:** European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

SDS complies with Regulation (EU) No. 2015/830 [CLP/GHS]

Regulation (EC) No 1005/2009 Ozone-depleting substances (ODS): Not chemicals listed.

Regulation (EC) No 649/2012, Annex 1, Chemicals subject to PIC: No chemicals listed

Regulation (EC) No 850/2004, Annex 1: No persistent organic pollutants present.

Directive 96/82/EC Seveso III, Annex 1:

Part 1- This product is not categorized as a dangerous substance.

Part 2- No chemicals listed.

REACH Directive EC1907/2006 Annex II and GHS requirements: To the best of our ability, this SDS is written in accordance to the requirements. This product is not subject to REACH restrictions. It does not contain substances that are candidates on the SvHC.

International inventories:

Chemical Name	TSCA	DSL	ENCS	IECSC	KECL	PICCS	AICS
Isopropanol CAS 67-63-0	Present	X	Present	X	Present	X	X
2-Butoxyethanol 111-76-2	Present	X	Present	X	Present	X	X

**15.2 Chemical Safety Assessment:** No chemical safety assessment has been carried out

**Sections 16**

**OTHER INFORMATION**

NFPA Health: Can cause significant irritation  
NFPA Fire: Will not burn  
NFPA Instability: Stable  
NFPA Reactivity: None



HMIS Health: Slight Hazard. Irritation or minor reversible injury possible.

1	HEALTH
0	FLAMMABILITY
0	REACTIVITY
B	PROTECTIVE EQUIPMENT

**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
17-Aug-18	Used different chemical name for CAS 111-76-2, updated sections to REACH, Revised section 15 see Sara 313, mkb
01-Jun-22	Reviewed, mkb

**ABBREVIATIONS USED IN THIS DOCUMENT:**

NE – Not Established, NA – Not Applicable, NIF – No Information Found  
AICS – Australia Inventory of Chemical Substances  
ENCS – Japan Existing and New Chemical Substances Inventory  
KECI – Korean Existing Chemicals Inventory  
PICCS – Philippines The Toxic Substances and Hazard  
IECSC – China Inventory of Existing Chemical Substances in China

**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](http://www.epa.gov))  
ANSI Standard: ANSI Z400.1-1998  
Merck Index

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