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® Sealer / Primer
Product Number: #ACL 10R-Q, ACL 10R-1, ACL 10R-5, ACL 10R-2

Product description: *Sealer for concrete. Used as a primer for paint on concrete floors.*
Product type: Acrylic urethane coating
Application: Industrial applications

Manufacturer:
ACL Incorporated
840 W 49th PL
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

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

2.1 Classification of the substance or mixture
Product definition: Mixture

Physical: None
Health: Reproductive Toxicity / Category 1B - (H360)
Chronic aquatic toxicity / Category 3 - (H412)
Environmental: None

2.2 Label Elements

Hazard Pictograms:

Signal Word: Danger

Hazard Statement:
H360 - May damage fertility or the unborn child
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements:
General:
Prevention:

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves and eye/face protection
P273 - Avoid release to the environment

Response:
IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305 +P351 + P338)
If eye irritation persists, get medical attention or advice (P337 + P313)
IF ON SKIN, wash with plenty of water. (P302 + P352)
Take off contaminated clothing and wash before reuse (P362 + P364)
Call doctor center if you feel unwell (P312)
If skin irritation or rash occurs: Get medical attention (P332 + P313)

P308 + P313 - IF exposed or concerned: Get medical advice/attention

Storage: P405 - Store locked up
Disposal: Dispose of contents in accordance with state and local laws as they vary (P501)

Unknown Acute Toxicity: No data available

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethylene glycol monopropyl ether	2807-30-9	<5	Flam. Liq. 3; Acute Tox. 4; Eye Irrit. 2A; H226, H312, H319
Diethylene Glycol Monobutyl Ether	112-34-5	<5	Eye Irrit. 2A; H319
Butyl benzyl phthalate	85-68-7	<5	Repr. 1B; Aquatic Acute 1; Aquatic Chronic 1; H360, H400, H410 M-Factor - Aquatic Acute: 1
N-methyl-2-pyrrolidone	872-50-4	< 1	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Repr. 1B (H360D) STOT SE 3 (H335)
Ethylene Glycol Monobutyl Ether	111-76-2	<1	Flam. Liq. 4; H227 Acute Tox. 4; H302 Skin Irrit. 2; H332 Eye Irrit. 2A; H312
Ethylene glycol	107-21-1	<1	Acute Tox. 4; H302 STOT RE 2; H373
Water and other non hazardous products	7732-18-5	>67	

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No	SVHC candidates
N-methyl-2-pyrrolidone	872-50-4	X

Section 4 FIRST AID MEASURES

4.1. Description of First Aid Measures
*Inhalation***:** Remove to fresh air. If not breathing, give artificial respiration. Immediately call a poison center or doctor/physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
*Skin Contact***:** Remove contaminated clothing and wash with soap and water for 15 minutes.
Ingestion: Clean mouth with water and drink afterwards plenty of water.
Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed
May cause eye injury which can persist for several days. 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
Note to physician: Treat symptomatically

Section 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: Undetermined

5.2 Special hazards arising from the substance or mixture
Hazards from the substance or mixture: Not determined
Hazardous thermal decomposition products: Not determined

5.3 Advice for firefighters
Special protective actions for fire-fighters: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Special protective equipment for fire-fighters: Undetermined

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: Use personal protection recommended in Section 8.
For emergency responders: Use personal protective equipment as required.

6.2 Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and materials for containment and cleaning up
Methods for containment: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up: Absorb with inert material and then place in suitable container for chemical waste. Rinse area with clean water and dry before permitting traffic. Notify appropriate governmental agencies if there is a danger to the public or if there is a reportable release to the environment.

6.4 Reference to other sections
See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 12, Ecological Information.
See Section 13 for additional waste treatment information.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Advice on general occupational hygiene: Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities: Store locked up. Keep container tightly closed and store in a cool, dry and well-ventilated place. Store above 4°C (40°F). Keep from freezing. Protect from excessive heat.

7.3 Specific end use(s)
Recommendations: Concrete sealer for some ESD paints (see product 4700SS).
Risk Management Methods (RMM): The information required is contained in this Safety Data Sheet.

Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters
Occupational exposure limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol Monobutyl Ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor	-	-
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m^3 (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m^3 (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m^3
Ethylene glycol 107-21-1	STEL: 50 ppm vapor fraction STEL: 10 mg/m^3 inhalable particulate matter, aerosol only TWA: 25 ppm vapor fraction	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m^3	-

DNELs/DMELs: No DNELs/DMELs available.
PNECs: No PNECs available

8.2 Exposure controls
Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Showers

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: Splash resistant goggles.
Hand protection: For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.
Other skin protection: Suitable protective clothing.
Respiratory protection: Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	liquid
Odor	Mild
pH	Not Determined
Melting point/freezing point	Not Determined

Initial boiling point and boiling range	>100 °C / >212 °F
Flash point and method	Not Determined
Evaporation rate	Slower than Butyl (n-Butyl=1)
Flammability (solid, gas, liquid)	Not a flammable liquid
Upper/lower flammability or explosive limits	LEL: Not Determined UEL: Not Determined
Vapor pressure	Not Determined
Vapor density (air=1)	Not Determined
Relative density	Not Determined
Solubility(ies).	Not Determined
Partition coefficient: n-octanol/water	Not Determined
Autoignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	Not Determined
Volatile by weight	Not Determined

9.2 Other safety information

VOC	Not Determined

Section 10 STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive under normal conditions.
10.2 Chemical stability: Stable under normal storage conditions.
10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Harzardous reactions are not expected to occur during normal processes.
10.4 Conditions to avoid: Keep out of reach of children. See Sec. 7 Handling & Storage.
10.5 Incompatible Materials: Not Determined
10.6 Hazardous decomposition products: Not Determined

Section 11 TOXICOLOGY INFORMATION

Acute toxicity: Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation: Do not inhale
Eye Contact: Avoid contact with eyes
Skin Contact: Avoid contact with skin
Ingestion: Do not ingest

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol monopropyl ether 2807-30-9	= 3089 mg/kg (Rat)	= 870 mg/kg (Rabbit) = 960 µL/kg (Rabbit)	= 1530 ppm (Rat) 7 h
Diethylene Glycol Monobutyl Ether 112-34-5	= 5660 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	-
Butyl benzyl phthalate 85-68-7	= 2330 mg/kg (Rat)	= 6700 mg/kg (Rat)	> 6.7 mg/L (Rat) 4 h
Sodium Lignosulfonate 8061-51-6	> 40 g/kg (Rat)	-	-
N-methyl-2-pyrrolidone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 486 ppm (Rat) 4 h = 450 ppm (Rat) 4 h
Ethylene glycol 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	-

Irritation/Corrosion: Not classified.
Sensitization: Not classified.
Mutagenicity: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics
Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Carcinogenicity: Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Carbon black is a possible carcinogen when it appears as a respirable dust.

Chemical name	ACGIH	IARC	NTP	OSHA
Butyl benzyl phthalate 85-68-7		Group 3		
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

Reproductive toxicity: May damage fertility or the unborn child.
Teratogenicity: Not available
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified.
Aspiration hazard: Not available
Information on the likely routes of exposure: Not available.

Additional Information:
Numerical measures of toxicity
The following values are calculated based on chapter 3.1 of the GHS document.
Oral LD50 27,980.00 mg/kg
Dermal LD50 13,489.60 mg/kg
Gas 30,837.00 mg/L
ATEmix (inhalation-dust/mist) 295.45 mg/L

Section 12 ECOLOGICAL INFORMATION

12.1 Toxicity: Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Diethylene Glycol Monobutyl Ether 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50 2850: 24 h Daphnia magna mg/L EC50
Butyl benzyl phthalate 85-68-7	0.02 - 0.25: 96 h Pseudokirchneriella subcapitata mg/L EC50 0.2 - 28.2: 72 h Pseudokirchneriella subcapitata mg/L EC50	0.82: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.0 - 10.0: 96 h Oncorhynchus mykiss mg/L LC50 static 0.78: 96 h Pimephales promelas mg/L LC50 static 1.39 - 3.88: 96 h Pimephales promelas mg/L LC50 flow-through 1.0 - 10.0: 96 h Lepomis macrochirus mg/L LC50 static	0.9 - 1.1: 48 h Daphnia magna mg/L EC50 Static 1.28: 48 h Daphnia magna mg/L EC50 semi-static 0.97: 48 h Daphnia magna mg/L EC50 0.76: 48 h Daphnia magna mg/L EC50 Flow through
N-methyl-2-pyrrolidone 872-50-4	500: 72 h Desmodesmus subspicatus mg/L EC50	1072: 96 h Pimephales promelas mg/L LC50 static 832: 96 h Lepomis macrochirus mg/L LC50 static 1400: 96 h Poecilia reticulata mg/L LC50 static 4000: 96 h Leuciscus idus mg/L LC50 static	4897: 48 h Daphnia magna mg/L EC50
1,2 Propanediol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50
Ethylene glycol 107-21-1	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	16000: 96 h Poecilia reticulata mg/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40000 -	46300: 48 h Daphnia magna mg/L EC50

		60000: 96 h Pimephales promelas mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static	

12.2 Persistence and degradability : Not determined.
12.3 Bioaccumulative potential: There is no data for this product.
12.4 Mobility in soil

Chemical name	Partition coefficient
Butyl benzyl phthalate 85-68-7	3.57 - 4.91
N-methyl-2-pyrrolidone 872-50-4	-0.46
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Ethylene glycol 107-21-1	-1.93

Soil/water partition coefficient (KOC): Not determined

12.5 Results of PBT and vPvB assessment: Not determined
12.6 Other adverse effects: Not determined.

Section 13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Improper disposal or reuse of this container may be dangerous and illegal.

Section 14 TRANSPORTATION INFORMATION

	Proper Shipping Name	Hazard Class	UN number	NOTE
US DOT ground	Non Hazardous Material	NA	NA	
US DOT air	Non Hazardous Material	NA	NA	
IATA	Non Hazardous Material	NA	NA	
IMDG	Non Hazardous Material	NA	NA	

Section 15 REGULATORY INFORMATION

US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.
SARA Section 313:

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene glycol monopropyl ether - 2807-30-9	2807-30-9	<10	1.0
Diethylene Glycol Monobutyl Ether - 112-34-5	112-34-5	<5	1.0
N-methyl-2-pyrrolidone - 872-50-4	872-50-4	<1	1.0
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	<1	1.0
Ethylene glycol - 107-21-1	107-21-1	<1	1.0

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Butyl benzyl phthalate		X	X	

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
Ethylene glycol monopropyl ether 2807-30-9	X		X
Butyl benzyl phthalate 85-68-7	X	X	X
Diethylene Glycol Monobutyl Ether 112-34-5	X		X
1,2 Propanediol 57-55-6	X		X
N-methyl-2-pyrrolidone 872-50-4	X	X	X
Ethylene Glycol Monobutyl Ether 111-76-2	X	X	X
Ethylene glycol 107-21-1	X	X	X

California Proposition 65:

Chemical name	California Proposition 65
Butyl benzyl phthalate - 85-68-7	Developmental
N-methyl-2-pyrrolidone - 872-50-4	Developmental
Ethylene glycol - 107-21-1	Developmental

WARNING: This product can expose you to chemicals including Butyl benzyl phthalate CAS#85-68-7; N-methyl-2-pyrrolidone CAS#872-50-4, Ethylene glycol CAS #107-21-1, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS:

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. All Intentionally present components are listed on the DSL

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**.** This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No	SVHC candidates	REACH Annex XVII
N-methyl-2-pyrrolidone	872-50-4	X	Product is used within rules

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 : Not applicable

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number
N-methyl-2-pyrrolidone 872-50-4	RG 84

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Ethylene glycol monopropyl	X	ACTIVE	X	X	X	X	X	X	X

ether									
Butyl benzyl phthalate	X	ACTIVE	X	X	X	X	X	X	X
Diethylene Glycol Monobutyl Ether	X	ACTIVE	X	X	X	X	X	X	X
1,2 Propanediol	X	ACTIVE	X	X	X	X	X	X	X
N-methyl-2-pyrrolidone	X	ACTIVE	X	X	X	X	X	X	X
Ethylene Glycol Monobutyl Ether	X	ACTIVE	X	X	X	X	X	X	X
Ethylene glycol	X	ACTIVE	X	X	X	X	X	X	X

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Sections 16 OTHER INFORMATION

REVISION DATES, SECTIONS, REVISED BY:

16-FEB-92,	Original release date
02-APR-01,	Reviewed
22-APR-05	All Sections, mkb
04-JUNE-10	Revised to GHS format and address, mkb
20-Aug-14	Section 9, mkb
12-Nov-19	All sections updated, 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
US Department of Labor; Occupational Safety & Health Administration (www.osha.gov)
The Environmental Protection Agency (www.epa.gov)
The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
Government of Canada: http://canadagazette.gc.ca/news-e.html

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