

Safety Data Sheet

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

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| Section 1. | CHEMICAL PRODUCT and COMPANY IDENTIFICATION |
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Identification:

Product Name: STATICIDE® Anti-Static Floor Stripper
Product Number: # 4010-1, #4010-2, #4010-5

Recommend use: Used to remove water-based floor finishes
Synonym:

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.]

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

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| Section 2. | HAZARDOUS IDENTIFICATION |
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2.1 Classification of the substance or mixture

Product definition: Mixture

GHS-US classification

Skin corrosion/irritation: Cat 2

Serious eye damage/eye irritation: Cat 2

Label Elements

Hazard Pictograms:



Signal Word: Warning

Hazard Statement:

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Precautionary Statements 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

Precautionary Statements 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

Precautionary Statements – Storage: Store locked up

Precautionary Statements – Disposal: Dispose of contents/container to an approved waste disposal plant

Other Hazards: Not determined

| Section 3. COMPOSITION / INFORMATION ON INGREDIENTS | | | | |
|--|----------------------|---------------|-----------------|-----------------------------|
| CHEMICAL | C.A.S. Number | EINECS | Weight % | Risk Phrase |
| Monoethanolamine | 141-43-5 | 205-483-3 | .05 – 5.0 | Xn; R20/21/22 C; R34 |
| Cocoamphodiroionate | 68604-71-7 | 271-704-5 | 1.0 – 3.0 | none |
| Sodium Metasilicate | 6834-92-0 | 229-912-9 | 1.0 – 5.0 | C; R34 - Xi; R37 |
| Ethylene Glycol Butyl Ether | 111-76-2 | 203-905-0 | 5.0 – 10.0 | Xn; R20/21/22 Xi; R36/38 |
| Tetrasodium Salt of EDTA | 64-02-8 | 200-573-9 | .0 – 2.0 | Xn; R22 - Xi; R41 |

| Section 4. FIRST AID MEASURES |
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PRIMARY ROUTE(S) OF EXPOSURE / ENTRY: Inhalation, Skin Contact.

Inhalation: Not known to cause inhalation problems.

Eye Contact: Flush with water for at least 15 minutes. Get immediate medical aid.

Skin Contact: Wash affected area thoroughly with water. If blistering is apparent or irritation persists, call a physician.

Ingestion: DO NOT INDUCE VOMITING. Give milk, egg white, gelatin, or if none of these available, give water. Get immediate medical aid.

| Section 5. FIRE FIGHTING MEASURES |
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Suitable Extinguishing Media: Water, foam, dry chemical, carbon dioxide..

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical: Not determined.

Hazardous Combustion Products: Heated material may liberate irritating fumes.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

Personal Precautions: Use personal protective equipment as required

Methods and material for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so

Methods for Clean-Up: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state and federal regulations

Section 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Store locked up

Incompatible Materials: None known based on information supplied.

Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION

| OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200) | | | |
|--|-----------------------------------|-----------|-------|
| Chemical Name | Exposure Limits 8 Hours TWA (PPM) | | |
| | OSHA PEL | ACGIH TLV | STEL |
| Monoethanolamine | 3 ppm | 3 ppm | 6 ppm |
| Ethylene Glycol Butyl Ether | 25 ppm (skin) | | |

Appropriate engineering controls

Engineering Controls: Showers. Eyewash stations. Ventilation systems.

Individual protection measures, such as personal protective equipment

Respirator: None required in well ventilated areas. An approved organic vapor full face respirator is advised for poorly ventilated areas.

Skin and Body Protection: Wear rubber gloves. Wear protective work clothing

Eye Protection: Wear approved safety goggles with side shields.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance | Red Liquid |
| Odor | Slight solvent |
| pH | 8 – 9 |
| Melting point/freezing point | 0°C / 32°F |
| Initial boiling point and boiling range | 100°C / 212°F |
| Flash point and method | Non flammable |
| Evaporation rate (H ₂ O=1) | 1 |
| Flammability (solid, gas, liquid) | Not flammable / stable |
| Upper/lower flammability or explosive limits | NE |
| Vapor pressure | NE |
| Vapor density (air=1) | < 1 |
| Water solubility. | Miscible |
| Partition coefficient: n-octanol/water | NE |
| Autoignition temperature | Greater than 250° F |
| Decomposition temperature | NE |
| Kinematic Viscosity | NE |
| Dynamic viscosity | NE |
| Explosive properties | NE |
| VOC | <6% by weight; 100 g/l (concentrate); 20g/l (diluted) |
| Specific Gravity | 1.050 |

Section 10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions

Chemical Reactivity: Stable under recommended storage conditions

Possibility of Hazardous Reactions: None under normal procession

Hazardous Polymerization: Under normal conditions of storage and use, will not occur

Conditions to Avoid: None

Incompatible Materials: Strong acids and oxidizers

Hazardous Decomposition: carbon oxides

Section 11. TOXICOLOGY INFORMATION

Results of Component Toxicity Test Performed:

LD₅₀ rat (oral) 2050 mg/kg (Monoethanolamine)

LD₅₀ rat (oral) 847 mg/kg (Sodium Metasilicate)

LD₅₀ rat (oral) 560 – 3000 mg/kg (Ethylene Glycol Butyl Ether).

LC₅₀ rat (inhalation) 4 hrs, 500 ppm (Ethylene Glycol Butyl Ether).

LD₅₀ rat (oral) 300 mg/kg (Tetrasodium Salt of EDTA).

LC₅₀ rabbit (dermal) 7500 mg/kg (Tetrasodium Salt of EDTA).

Human Experience: OSHA / NTP / DHHS - This product does not contain chemicals on the 11th Report on Carcinogens (RoC) NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.

Reproductive Toxicity: Ethylene Glycol Butyl Ether Has shown teratogenic effects in laboratory animals.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity

This product is not expected to be toxic to aquatic life.

Component Information

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to s microorganism | Crustacea |
|---|---|--|--|--|
| Monoethanolamine 141-43-5 | EC50 (72 h) 2.5 mg/l (growth rate), Selenastrum capricornutum (OECD Guideline 201) Literature data. | LC 50 (Rainbow trout, donaldson trout (Oncorhynchus mykiss), 96 h): 196 mg/l Mortality | DIN EN ISO 8192-OECD 209-88/302/EEC, P. C aquatic activated sludge, domestic/EC20 (0.5 h): > 1,000 mg/l Nominal concentration. | LC 50 (Common shrimp, sand shrimp (Crangon crangon), 48 h): > 100 mg/l Mortality |
| Cocoamphodiroionate 68604-71-7 | No data | No data | No data | No data |
| Sodium Metasilicate 6834-92-0 | No data | No data | No data | No data |
| Ethylene Glycol Butyl Ether 111-76-2 | EC-50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1,840 mg/l | NOEC (Zebra Fish, 21 d): > 100 mg/l | No data | No data |
| Tetrasodium Salt of EDTA 64-02-8 | No data | LC50, Western Mosquito fish, 150 mg/L/96 hr | No data | No data |

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations

Section 14. TRANSPORTATION INFORMATION

U.S. DOT Information: Basic Description: NON HAZARDOUS MATERIAL
Proper Shipping Name: NA

IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL

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: ---None of the chemicals are Section 302 hazards ---

SARA Section 313:

| Chemical Name | CAS No | Weight-% | 313 - Threshold Values % |
|-----------------------------|----------|----------|--------------------------|
| Ethylene Glycol Butyl Ether | 111-76-2 | 5 - 10 | 1.0 |

CWA (Clean Water Act) ---None of the chemicals are listed ---

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

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 |
|---|------------|---------------|--------------|
| Monoethanolamine 141-43-5 | X | X | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X | X | X |

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

INTERNATIONAL REGULATIONS:

| Chemical Name | TSCA | SL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------------|---------|----|------|---------|--------|---------|-------|---------|-------|------|
| Monoethanolamine | Present | X | | Present | | Present | X | Present | X | X |
| Cocoamphodiroionate | Present | X | | Present | | Present | X | Present | X | X |
| Sodium Metasilicate | Present | X | | Present | | Present | X | Present | X | X |

| | | | | | | | | | | |
|-----------------------------|---------|---|--|---------|--|---------|---|---------|---|---|
| Ethylene Glycol Butyl Ether | Present | X | | Present | | Present | X | Present | X | X |
| Tetrasodium Salt of EDTA | Present | X | | Present | | Present | X | Present | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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.

Sections 16.

OTHER INFORMATION

NFPA Health: Can cause temporary incapacitation or residual injury

NFPA Fire: Will not burn

NFPA Instability: Stable

NFPA Reactivity: None



REVISION DATES, SECTIONS, REVISED BY:

02-MAR-07 Revised Sections 9, 11, mkb
16-Oct-09 New address, New format, mkb
09-Nov-11 Revised sec 9, mkb
14- May-12 Revised sections 3 and 15, mkb
09-MAR-15 Revised all sections, 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)
American National Standards Institute
University of Oxford website: <http://physchem.ox.ac.uk/MSDS/#CASnumbers>

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