



Safety Data Sheet

Concrete & Masonry Dissolver

Version 1.3

TCC Materials
2025 Centre Pointe Boulevard
Mendota Heights, MN 55120-1221

Emergency Telephone Number:
651-688-9116
Information Telephone Number
651-688-9116

Revision Date
July 2023

Section 1: Product Identification

Product Type: Mixture, Cleaning Compound

Product Name:

Akona Concrete & Masonry Dissolver

Section 2: Hazard Identification

Classification of the Substance or Mixture

Classification (GHS-US) (Canada)

Not Classified

Label Elements



GHS-US Labeling

No labeling applicable

Other Hazards:

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Product poses little hazard in ordinary use.

Unknown Acute Toxicity (GHS-US)

No data available

Warning: Do not ingest. Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

HMIS® Rating: Health: 1 Fire: 0 Physical Hazard: 1

*HMIS® is a registered trademark of the National Paint and Coatings Association
Rating is based on potential for ethanol.*



Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage	CAS #
Organic Carboxylic Compound	* Trade Secret	*Trade Secret
Linear Alcohol Ethoxylate Surfactant	1.5%	*Trade Secret

*Specific chemical identities withheld as trade secret. It is available upon request to health professionals, employees and their designated representatives in accord with 29CFR1910.1200(i).

This mixture and its components are not considered a hazard when used in a manner which is consistent with label instructions. 29 CFR 1910.1200 (f1) and the properties and effects of the components of this product are disclosed in this SDS.

Section 4: First Aid Measures

Description of First Aid Measures

First-aid Measures General:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Eye contact:

Hold eyelids apart and flush eyes with plenty of water. At least fifteen minutes of flushing is recommended for any chemical contact. Remove contact lenses, if present and easy to do. Continue rinsing. If any irritation persists, get medical attention.

Skin Contact:

Rinse immediately with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Inhalation:

Unlikely to be an inhalation hazard. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Ingestion:

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects, both Acute and Delayed:

Not expected to present a significant hazard under anticipated conditions of normal use.

Eye contact:

May cause eye irritation.

Skin Contact:

May cause skin irritation.

Inhalation:

May cause nose and throat irritation if misted, but not a likely route of exposure.



Ingestion:

Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms:

None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible)

Section 5: Fire Fighting Measures

Suitable Fire Extinguishing Media:

Appropriate for surrounding materials (carbon dioxide, water spray, dry chemical, foam).

Unsuitable Fire Extinguishing Media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising from the Substance or Mixture:

Fire Hazard:

Not considered flammable but may burn at high temperatures.

Explosion Hazard:

Product is not explosive

Reactivity:

Hazardous reactions will not occur under normal conditions.

Advice for Fire-Fighters:

Precautionary Measures Fire:

Exercise caution when fighting any chemical fire.

Firefighting Instructions:

Use water spray or fog for cooling exposed containers.

Protection During Firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information:

Refer to Section 9 for flammability properties.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:

Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray.

For Non-emergency Personnel

Protective Equipment:

Use appropriate personal protection equipment (PPE).



Emergency Procedures:

Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment:

Equip cleanup crew with proper protection.

Emergency Procedures:

Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Materials for Containment and Cleaning Up

Contain any spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers and soak up with absorbent material.

Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Section 7: Handling and Storage

Precautions for Safe Handling

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas after use with mild soap and water. Do not eat, drink, or use tobacco products when handling any chemical products.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Comply with applicable regulations.

Storage Conditions:

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Specific End Use(s)

Truck Wash

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:

None established

(No OSHA PEL. No ACGIH TLV®. No NIOSH REL)



Exposure Controls:

Appropriate Engineering Controls:

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment

Respiratory protection:

Not required under conditions of normal use. No Occupational Exposure Limits (OELs) have been established for this product.

Skin protection:

Wear water-impermeable gloves such as neoprene, nitrile, PVC, or natural rubber gloves, particularly for prolonged contact. Use face shield if splashing is likely. Protective clothing should be chemically resistant materials and fabrics.

Eye protection:

Wear chemical safety goggles if eye contact may be likely.

Environmental Exposure Controls:

Do not allow the product to be released into the environment.

Consumer Exposure Controls:

Do not eat, drink or smoke during use.

Section 9: Physical and Chemical Properties

Physical state:	Liquid.
Appearance:	Amber clear.
Odor:	Mild.
Odor threshold:	No data available.
pH:	< 2
Evaporation rate:	No data available.
Melting point:	No data available.
Freezing point:	0°C (32°F).
Boiling Point:	100°C (214°F).
Flash point:	N/A.
Auto-ignition temperature:	No data available.
Oxidizing:	No.
Decomposition temperature:	No data available.
Flammability:	Not flammable.
Vapor pressure:	No data available.
Vapor density:	(Air=1) >1
Relative vapor density at 20°C:	No data available.
Relative density:	No data available.
Specific gravity:	Water (1) 1.085
Solubility in Water:	Complete



Partition coefficient: N-octanol/water: No data available.

Viscosity: That of water.

VOC's: None.

Section 10: Stability and Reactivity

Reactivity:

Hazardous reactions will not occur under normal conditions.

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid:

Direct sunlight. Extremely high or low temperatures. Ignition sources.

Incompatible materials.

Incompatibility:

Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products:

Should not occur. If in fire Carbon Oxides may be produced. (CO, CO₂).

Section 11: Toxicological Information

Information on Toxicological Effects

Acute Toxicity:	CAS #	LD50 ORAL/RAT	LC50 (RAT, AEROSOL, 4h)
Linear Alcohol Ethoxylate Surfactant	*Trade secret	1.0g/kg	No data
Organic Carboxylic Compound	*Trade secret	>1000 mg/kg	>2.5 g/m ³

Skin Corrosion/Irritation: Not Classified

Serious Eye Damage/Irritation: Not Classified

Respiratory or Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Carcinogenicity: Not Classified

Reproductive Toxicity: Organic Carboxylic Compound has caused teratogenic effects in animals in the presence of maternal toxicity

Specific Target Organ Toxicity (Single Exposure): Not Classified

Specific Target Organ Toxicity (Repeated Exposure): Not Classified

Aspiration Hazard: Not Classified



Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: May cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

Section 12: Ecological Information

Toxicity: No additional information available
Persistence and degradability: Biodegradable
Bioaccumulation: Based on ingredients, not likely to bioaccumulate.
Mobility in soil: No additional information available.
Other adverse effects: Avoid release to the environment.

Section 13: Disposal Considerations

Waste treatment methods

Waste Disposal Recommendations:

Dispose of waste material in accordance with all local, regional, national, and international regulations. Do not sewer or dump on the ground.

Ecology – Waste Materials:

Avoid release to the environment

Section 14: Transportation

In Accordance with DOT: Not regulated for transport
In Accordance with IMDG: Not regulated for transport
In Accordance with IATA: Not regulated for transport

Based on test results this mixture is not regulated by DOT when shipped by truck, rail or ocean freight. Ref. 49 CFR 173.364(A), 173.137 ATSM G-31, Draize skin rabbit. When shipped by air consult other DOT regulations.

Proper Shipping Name: Compound Cleaning Liquid NOI

Section 15: Regulatory Information

US Federal Regulations

US State Regulations:

Neither this product nor its chemical components appear on any US state lists.

TSCA (Toxic Substance Control Act):

All components of this product are listed on the U.S. Toxic Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.



SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories

None

313 Reportable Ingredients:

CERCLA (Comprehensive Response Compensation and Liability Act):

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:

This product may contain trace amounts of a chemical or chemicals known to the State of California to cause cancer.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number listed on the Canadian Ingredient Disclosure List are shown in Section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):

Components of this product identified by CAS number are listed on the DSL or NDSL or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECES (European Inventory of Existing Commercial Chemical Substances):

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1 Vbk Index: Not applicable

Risk Phrases	Symbols Required for Label	Safety Phrases
R36/38 Irritating to eyes and skin	None	S2 Keep out of reach of children.
		S46 If swallowed, seek medical advice immediately and show this container or label.
		S34/37/39 Wear suitable protective clothing, gloves, and eye protection.



Section 16: Other Information

Additional information on the product is available at: www.tccmaterials.com

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