



## ACIDIC CLEANER

### SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	ACIDIC CLEANER
Product Code	None

**Relevant identified uses of the substance or mixture and uses advised against**

Identified Use(s)	Acid Based Cleaning Product
Uses Advised Against	None
Company Identification	MORE Surface Care, LLC 200 Union Grove Rd SE Calhoun, GA 30701
Telephone	(844) 404-MORE (6673)
E-Mail (competent person)	steve@mooresurfacecare.com & mark@mooresurfacecare.com

**Emergency telephone number**

Emergency Phone No.	<b>Medical Emergency:</b> 1-800-222-1222; Not classified as dangerous for transport.
---------------------	--

#### SECTION 2: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

OSHA HCS (29 CFR 1910.1200)	Eye Dam. 1
-----------------------------	------------

**Label elements**

Hazard Symbol

**DANGER**

Signal word(s)

Causes serious eye damage.

Hazard Statement(s)

Precautionary Statement(s)

Wear protective gloves/eye protection/face protection.

Wash hands and exposed skin after use.

IF INHALED: Get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.



## ACIDIC CLEANER

Other hazards

None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Organic acid salt mixture	20 - 25	Trade Secret	Acute Tox. 4; H302 Eye Dam. 1; H318 Met. Corr. 1; H290
Surfactant mixture	<2	Trade Secret	Skin Irrit. 2; H315 Eye Irrit. 2; H320 Aquatic Acute 3; H402 Aquatic Chronic 3; H412

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below: **None**

\* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

### SECTION 4: FIRST AID MEASURES



#### Description of first aid measures

Inhalation

Get medical advice/attention if you feel unwell.

Skin Contact

Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion

Call a POISON CENTER or doctor/physician if you feel unwell.

#### Most important symptoms and effects, both acute and delayed

Causes serious eye damage.

#### Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Non-combustible. As appropriate for surrounding fire.  
None anticipated.

#### Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours.

#### Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.



## ACIDIC CLEANER

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with skin and eyes. Wear protective gloves/eye protection/face protection. Avoid breathing mist/vapours/spray.
<b>Environmental precautions</b>	Prevent liquid entering sewers, basements and work pits.
<b>Methods and material for containment and cleaning up</b>	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
<b>Reference to other sections</b>	None
<b>Additional Information</b>	None

### SECTION 7: HANDLING AND STORAGE



<b>Precautions for safe handling</b>	Avoid contact with skin and eyes. Wear protective gloves/eye protection/face protection. Avoid breathing mist/vapours/spray.
<b>Conditions for safe storage, including any incompatibilities</b>	
-Storage temperature	Keep in a well ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
-Incompatible materials	This product should be stored away from sources of strong heat and oxidizing chemicals. Do not use with: Chlorates, Nitrates, hypochlorites, or alkaline materials.
<b>Specific end use(s)</b>	Acid Based Cleaning Product

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

-LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

<b>Recommended monitoring method</b>	None
<b>Exposure controls</b>	
<b>Appropriate engineering controls</b>	Not normally required.
<b>Personal protection equipment</b>	
Eye/face protection	Wear protective eyewear (goggles, face shield, or safety glasses).
	
Skin protection (Hand protection/ Other)	Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.
	



## ACIDIC CLEANER

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

**Environmental Exposure Controls**

Avoid release to the environment.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Appearance	Liquid
Color.	Colorless to light yellow
Odor	Characteristic
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	~0 °C (similar to water)
Boiling point/boiling range (°C):	~100 °C (similar to water)
Flash Point (°C)	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not available
Oxidizing properties	Not available
<b>Other information</b>	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Incompatible materials.
<b>Incompatible materials</b>	This product should be stored away from sources of strong heat and oxidizing chemicals. Do not use with: Chlorates, Nitrates, hypochlorites, or alkaline materials.
<b>Hazardous decomposition product(s)</b>	Carbon monoxide, Carbon dioxide, Acrid smoke

### SECTION 11: TOXICOLOGICAL INFORMATION

**Exposure routes:** Inhalation, Skin Contact, Eye Contact



## ACIDIC CLEANER

### Information on toxicological effects

Organic acid salt mixture (CAS# Trade Secret) - By analogy with similar materials:

Acute toxicity	LD50 (oral): ~1121 mg/kg-bw (rat)
Irritation	Causes serious eye damage.
Sensitisation	Not available.
Repeated dose toxicity	Not available.
Developmental Toxicity	Not available.
Toxicity for reproduction	Not available.
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Other information None

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Organic acid salt mixture (CAS# Trade Secret) - By analogy with similar materials:

Short term	LC0 (96 hour): >142 mg/l (fish) LC50 (48 hour): ~71 mg/l (aquatic invertebrate)
Long Term	Not available.
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
Other adverse effects	None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
-------------------------	--

## SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	Sea transport <u>(IMDG)</u>	Air transport <u>(ICAO/IATA)</u>
UN number			
Proper Shipping Name			
Transport hazard class(es)			Not classified as dangerous for transport.
Packing group			
Environmental hazards			
Special precautions for user			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:			Not applicable

## SECTION 15: REGULATORY INFORMATION

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



## ACIDIC CLEANER

**TSCA (Toxic Substance Control Act)** - Inventory Status: All components listed or polymer exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

**SARA 311/312 - Hazard Categories:**

Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

**SARA 313 - Toxic Chemicals (40 CFR 372):**

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

**SARA 302 - Extremely Hazardous Substances (40 CFR 355):**

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	-----	-----	-----

**California Proposition 65 List:**

Chemical Name	CAS No.	Type of Toxicity
None	-----	-----

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

**Date of preparation:** April 14, 2015

**Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:**

**Hazard Statement(s)**

- H290: May be corrosive to metals.
- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H320: Causes eye irritation.
- H402: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

**Training advice:** None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.