

SAFETY DATA SHEET - AutoKleen

SECTION 1. PRODUCT IDENTIFICATION AND SUPPLIER		Supplier's Details: Express! Solutions, Inc. 411 Greenfield Dr. Unit 6A Tiffin, IA 52340 (563) 299-0144 www.expressolutions.us													
Product identifier: AutoKleen AK1 - 1 Gallon, AK5 - 5 Gallon Other means of ID: Organic Acid Salt Product type: Liquid Recommended uses: Car Wash Detergent - Acid Replacement Restrictions on use: Do not use with chlorates, nitrates, hypochlorites or alkaline materials.		Emergency phone number: CHEMTREC (800) 424-9300 (24 HOURS A DAY) International: +1-703-527-3887													
Section 2. HAZARDS IDENTIFICATION		Response : IF INHALED: Remove victim to fresh air. SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or physician. ON SKIN (or hair): Take off all contaminated clothing. Rinse skin with water or shower. IN EYES: Rinse cautiously with water.; Remove contact lenses, if present. Continue rinsing.													
Classification of the substance or mixture: CORROSIVE TO METALS – Category 2 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2		Storage: Store locked up. Store in original container. Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.													
GHS label elements hazard pictograms:  Signal word: Warning		Hazards Not Otherwise Classified: None known.													
Hazard Statements General: Serious eye damage/eye irritation - Category 1 Prevention: Wear protective gloves. Wear eye or face protection. May be corrosive to metals.															
Section 3. COMPOSITION/INFORMATION ON INGREDIENTS		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Chemical Name</th> <th style="text-align: center;">%</th> <th style="text-align: center;">CAS Number</th> </tr> </thead> <tbody> <tr> <td>Urea Monohydrochloride</td> <td style="text-align: center;">50-100</td> <td style="text-align: center;">506-89-8</td> </tr> <tr> <td>Proprietary ingredient 2</td> <td style="text-align: center;">Proprietary</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Proprietary ingredient 2</td> <td style="text-align: center;">Proprietary</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>		Chemical Name	%	CAS Number	Urea Monohydrochloride	50-100	506-89-8	Proprietary ingredient 2	Proprietary	-	Proprietary ingredient 2	Proprietary	-
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Urea Monohydrochloride	50-100	506-89-8													
Proprietary ingredient 2	Proprietary	-													
Proprietary ingredient 2	Proprietary	-													
Substance/mixture: Mixture Other means of Identification: Not Available CAS number : Not Applicable Product code : Not Applicable		The chemical identity and exact percentage of the composition has been withheld as it is a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.													
Section 4. FIRST AID MEASURES															
Necessary First Aid Measures															
Eye contact:		Flush eyes with plenty of water, Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.													
Inhalation:		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.													
Skin contact:		Flush contaminated skin water. Get medical attention.													
Ingestion:		Wash out mouth with water. Do not induce vomiting. Get medical attention.													
Most Important Symptoms/Effects.															
Eye contact:		Causes serious eye damage													
Inhalation:		Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.													
Skin contact:		Causes skin irritation													
Ingestion:		May be irritating to mouth, throat and stomach													
Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary															
Notes to physician:		Treat symptomatically. Contact poison Treatment specialist. In case of inhalation of decomposition products in a fire, symptoms may be delayed.													
Section 5. FIRE-FIGHTING MEASURES															
Extinguishing Media															
Suitable:		Use an extinguishing agent suitable for the surrounding fire.													
Unsuitable:		None known													
Specific hazards arising from chemical: In a fire or if heated, a pressure increase will occur and the container may burst.															
Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, hydrochloric acid.															
Special protective actions for fire-fighters: Isolate scene by removing all persons from vicinity. No action shall be taken involving any personal risk or without suitable training.															
Special protective equipment for fighters: Fire-fighters should wear protective equipment, self-contained breathing apparatus (SCBA) full face-piece operated in positive pressure mode.															
Section 6. ACCIDENTAL RELEASE MEASURES															
Personal Precautions, Protective Equipment and Emergency Procedures															
Personal precautions:		No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.													
Emergency responders:		If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.													
Environmental Precautions:		Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).													
Methods and materials for containment and cleaning up spills:		Move containers from spill area. Prevent entry into sewers, water courses. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.													
Section 7. HANDLING AND STORAGE															
Precautions for Safe Handling															
Protective measures:		Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use.													
Advice on general conditions for safe storage, including incompatibilities:		Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.													

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Precautions for Safe Handling**

Protective measures: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container, kept tightly closed when not in use. Chemical resistant impervious gloves, appropriate footwear.

Advice on general conditions for safe storage: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face before eating, or smoking. Store in accordance with local regulations. Store protected from direct sunlight in a dry, cool and well-ventilated area. Keep away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Control parameters occupational exposure limits: None

Section 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical state:	Liquid	Lower and upper explosive (flammable) limits:	Not available
Color:	Red	Vapor pressure:	0.013kPa (<0.1mmHg) [room temperature]
Odor:	Mild Odor	Vapor density:	>1 [Air = 1]
Odor Threshold:	Not available	Relative density:	1.21 +/- 0.2
pH:	0.7 typical [as is]	Solubility:	Easily soluble in the following materials: water
Melting/freezing point:	< -30°C	Partition coefficient n-octanol/water:	Not available
Boiling point/range:	>100°C (>212°F)	Auto-ignition temperature:	Not available
Flash point:	>93.3°C (>200°F)	Decomposition temperature:	Not available
Evaporation rate:	>1 (Butyl acetate = 1)	Viscosity:	Not available
Flammability (solid, gas):	Not available		

Section 10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients

Chemical stability: The product is stable

Hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Eliminate possible sources of ignition.

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials. This material may be extremely hazardous in contact with chlorates and nitrates. Contact with hypochlorites (eg. Chlorine bleach, sulfides or cyanides) will liberate toxic gases. Contact with alkaline materials (eg. Aqua ammonia) will generate heat.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. TOXICOLOGICAL INFORMATION

Exposure routes:	Eye contact, dermal contact, ingestion, inhalation	Sensitization:	There is no data available
Acute toxicity		Carcinogenicity:	Not listed as a carcinogen by OSHA, NTP or IARC
Eyes:	Eye corrosive (OECD 405)	Mutagenicity:	No known significant effects or critical hazards.
Skin:	Mild skin irritant (OECD 404)	Teratogenicity:	No known significant effects or critical hazards.
Ingestion:	May be irritating to mouth, throat and stomach.	Developmental effects:	No known significant effects or critical hazards.
Inhalation:	May drowsiness or dizziness.	Fertility effects:	No known significant effects or critical hazards

Section 12. ECOLOGICAL INFORMATION

Toxicity:	There is no data available	Mobility in Soil	
Persistence and degradability:	There is no data available	Soil/water partition coefficient:	Not available
Bioaccumulative Potential:	There is no data available	Other adverse effects:	No known significant effects or critical hazards.

Section 13. Disposal Considerations

Waste disposal: Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations.

Container: Drain container thoroughly, triple rinse.

Section 14. TRANSPORT INFORMATION

US DOT 49 CFR 172.101: Non-hazardous and Not Regulated

Transport in accordance with all federal, state, and local regulations.	Environmental hazards:	No
IDG/DOI	Packing group:	Not Applicable
Hazard class:	Special Provisions:	Not regulated as dangerous goods.
UN number:	Special precautions for user:	Transport within user's premises: Always transport in closed containers.

Section 15. REGULATORY INFORMATION**US Federal Regulations**

TSCA Status: All components of product exempt from TSCA inventory.

CERCLA Reportable Qty: None

Section 311/312 Hazard Category**Composition/Information on Ingredients**

Name: Urea Monohydrochloride %:	50-100
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No
Section 313 Toxic Chemicals:	None

Section 16. OTHER INFORMATION

History

Date of issue mm/dd/yyyy: 05/19/2015

Date of previous issue: None

Version: 1

Revised Section(s): Not applicable

Prepared by: Express! Solutions, Inc.

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