

Issue Date: 06-Dec-2016

Review Date: 15-Jan-2018

Version 1

1. IDENTIFICATION

Product Identifier**Product Name** ECO KLEAN**Other means of identification****SDS #**

ITEM# M-02652, M-02653

M-02655

M-02657

Recommended use of the chemical and restrictions on use**Recommended Use** Cleaner/Degreaser**Details of the supplier of the safety data sheet****Supplier Address**Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041**Emergency Telephone Number****Company Phone Number**

832-399-1000

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance transparent liquid**Odor** Mild**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulation (WHMIS 2015)

Signal Word NO SIGNAL WORD**Symbol** NO SYMBOL**Hazard Statements** NO HAZARD STATEMENTS**Precautionary Statements** N/A**Emergency Overview** N/A**Hazard Not Otherwise Classified (HNOC)** Cause mild skin irritation**Supplemental Information** none-known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium phosphate tribasic dodecahydrate	10101-89-0	1-5
2-Methoxymethylethoxy) propanol	34590-94-8	< 3

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove from further exposure. Seek medical assistance
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Most important symptoms and effects

Symptoms	Prolonged contact may cause milk skin and eye irritation. Symptoms may include eye stinging, tearing, redness, blurred vision. Skin redness
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
Unsuitable Extinguishing Media	None known.
Combustion Products/ Specific Hazards	Not determined.
Protective equipment / Precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. See SECTION 12 for Ecological Information.

Methods for Clean-Up	Sweep up absorbed material and shovel into suitable containers for disposal. If the product contaminates rivers and lakes or drains inform respective authorities. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal.
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7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements.
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers.
Incompatible Materials	Store away from heat and open flame. Storage temperature 5-40°C (41-104°F). None-known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Information

Chemical Name	ACGIH	OSHA	NIOSH
2-Methoxymethylethoxy)propanol 34590-94-8	TWA: 100 ppm STEL: 150 ppm Potential for skin absorption	TWA: 100 ppm 600 mg/m ³ Table Z-1 Limits for Air contaminants Skin: Absorbed via skin	TWA: 100 ppm 600 mg/m ³

Legend: **ACGIH:** American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit

Appropriate Engineering Controls Not determined.

Personal Protective Equipment

Eye/Face Protection	If contact is likely, safety glasses are recommended.
Skin and Body Protection	Wear suitable protective clothing and chemical resistant gloves.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild lemon scent
Appearance	Clear	Odor Threshold	Not determined
Color	Florescent Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.0 – 11.2	

Boiling Point/Boiling Range	100°C / 200 °F	
Flash Point	Non-flammable	
Evaporation Rate	< 1.0	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Density	Not determined	(Air=1)
Specific Gravity	1.01-1.03	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	N/A	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	Not determined	

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under recommended storage conditions or normal processing.
Conditions to Avoid	Incompatible materials
Incompatible Materials	None-known
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause temporary or minor irritation on eye contact.
Skin Contact	Prolonged contact may cause temporary or minor irritation.
Inhalation	No data available
Ingestion	May cause gastrointestinal irritation or diarrhea.

Component information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Methoxymethylethoxy)propanol 34590-94-8	5,152 mg/kg (Rat)	9,510 mg/kg (Rabbit)	3.35 mg/l (Rat) 7 h (Vapour)

Information on toxicological effects

Carcinogenicity	This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA
Numerical measures of toxicity	Not determined

Further Information Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity Not expect to be harmful to aquatic organisms.

Persistence/Degradability Not inherently bio-gradable.

Bioaccumulation Not determined

Mobility Not determined

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories All component(s) are listed

Legend:

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

DSL/NDL - 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

WHMIS Hazard Classification Non-controlled

US Regulations

EPCRA – Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quality This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

SARA 311/312 Hazardous Chemical This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

SARA 313 This product does not contain any chemical(s) regulated under the Section 313 Title III of the Superfund Amendments and Reauthorization Act

California Proposition 65 This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

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Revision Note:

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet