SAFETY DATA SHEET

ACP-135 Kuts Super Duty Kitchen Degreaser **Date: 08/14/2024**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Kuts Super Duty Kitchen Degreaser

Other Means of Identification

Product Code ACP-135

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Degreaser/cleaner for stoves, ovens, and hoods, kitchen equipment

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Vapors may be irritating to the nose, throat, and lungs	Category 4
Skin Corrosion/Irritation	Category 1
Eye Irritation	Category 1

Signal Word **DANGER**

Hazard Statements

Harmful if inhaled
Harmful if swallowed
Causes severe skin burns and eye damage

Appearance Orange/Brown liquid **Physical State** Liquid **Odor** Detergent

Precautionary Statements - Prevention
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection.
Do not eat, drink or smoke when using this product
Do not breathe fumes/mist/vapors/spray

Precautionary Statements – Response
Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation occurs.
IF ON SKIN: Immediately remove contaminated clothing. Flush skin with water for several minutes. Seek medical attention if irritation occurs. Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
IF SWALLOWED: Immediately call a local poison control center or physician for treatment advice.

Precautionary Statements - Storage
Store locked up

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	5 - 10
Sodium metasilicate	6834-92-0	5 - 10
Potassium hydroxide	1310-58-3	0 - 10
Ethylenediaminetetraacetic Acid	Mixture	0 - 5
Sodium Xylene Sulfonate	1300-72-7	0 - 5

The balance of ingredients are non-hazardous and withheld as a proprietary trade secret.

4. FIRST AID MEASURES

First Aid Measures

Inhalation — Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Eye Contact — Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion — Immediately call a local poison control center or physician for treatment advice.

Skin Contact — Immediately remove contaminated clothing. Flush skin with water for several minutes. Seek medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms — Skin irritation. Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians — Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Dry chemical, Carbon Dioxide (CO2) Water spray, Alcohol- resistant foam.

Specific Hazards Arising from the Chemical
Not determined.

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.

6. ACCIDENTAL RELEASE MEASURES

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. Collect using an inert absorbent material and place in appropriate containers for disposal. Prevent entry into waterways, sewer, basements or confined areas.

Methods for Cleaning Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe fumes/mist/vapors/spray.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store in a cool dry place. For industrial and commercial use only. KEEP OUT OF THE REACH OF CHILDREN.

Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m^3	TWA: 5 ppm TWA: 24 mg/m^3
Potassium hydroxide 1310-58-3	2 mg/m^3	2 mg/m^3	-

Engineering Controls Good general ventilation should be sufficient for most conditions. Provide eye wash and safety shower.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses.

Skin and Body Protection Rubber gloves or other impervious gloves.

Respiratory Protection Room ventilation is expected to be satisfactory where this product is used.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Orange/brown liquid	**Odor**	Detergent
Color	Orange/brown	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	12.5-13.5	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	<212F	
Flash Point	Not applicable	
Evaporation Rate	1	(Water = 1)
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.035	
Water Solubility	Complete	
Solubility in Other Solvents	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 normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
Strong acids.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation Avoid breathing vapors.

Eye Contact May cause severe eye damage.

Skin Contact Can be absorbed through the skin. May cause skin burns.

Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	1200 mg/kg (Guinea Pig)	2000 mg/kg (Rat) (Guinea Pig)	663 ppm. 1 h (Guinea Pig)
Potassium hydroxide 1310-58-3	273 mg/kg	No data available	No data available

Information on Physical, Chemical and Toxicological Effects

Symptoms Repeated and prolonged skin contact may result in dermatitis. Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity Not classified as a carcinogen by NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol 111-76-2	Pseudokirchneriella subcapitata 911 mg/L 72 h	Oncorhynchus mykiss 1474 mg/l 96 h		Daphnia magna 1800 mg/L 48 h
Sodium hydroxide 1310-73-2	-	Lepomis macrochirus 99 mg/l 48 h	-	-
Sodium Metasilicate 6834-92-0		Brachydanio rerio 210 mg/l 96 h	-	Daphnia Magna 1700 mg/l 48 h

Persistence and Degradability
Biodegradable

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

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.

14. TRANSPORT INFORMATION

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

DOT NA1760 Compounds, Cleaning Liquid, 8, III

IATA NA1760 Compounds, Cleaning Liquid, 8, III

IMDG NA1760 Compounds, Cleaning Liquid, 8, III

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

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*

US Federal Regulations

CERCLA Reportable Quantity The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Sodium Hydroxide	1310-73-2	1000 lbs.

SARA 313 No chemical (s) components of this product are subject to reporting levels established by SARA Title III, Section 313.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol 111-76-2			X
Sodium hydroxide 1310-73-2	X	X	X
Sodium Metasilicate 6834-92-0	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	2	0	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	2	0	0	B

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