SAFETY DATA SHEET

ACP-138 D-F Deep Fat Fryer & Grill Cleaner **Date: 08/14/2024**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier D-F Deep Fat Fryer & Grill Cleaner

Other Means of Identification

Product Code ACP-138

Recommended Use of the Chemical and Restrictions on Use
Recommended Use Oven, Grill, Fryer, Rotisserie Degreaser/Cleaner, BBQ Grills

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

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Subcategory A

Signal Word **WARNING**

Hazard Statements Harmful if swallowed.
Causes skin irritation and serious eye irritation.

Appearance Clear Brownish **Physical State** Liquid **Odor** Detergent

Precautionary Statements - Prevention
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
Immediately call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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. Seek medical attention if irritation occurs.
IF SWALLOWED: Call local poison control center or physician for treatment advice.

Precautionary Statements - Storage
Keep container closed when not in use. Store in a cool dry place. KEEP OUT OF REACH OF CHILDREN

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Triethanolamine	102-71-6	0 – 10
Sodium Hydroxide	1310-73-2	0 – 10
Proprietary Surfactant	N/A	0 – 10
Sodium Xylene Sulfonate	1300-72-7	0 – 10
Biodegradable Chelant	144538-83-0	0 – 10

The balance of ingredients are not hazardous and are being 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. Seek immediate medical attention/advice.

Eye Contact Flush material out immediately with large amounts of water for at least 15 minutes, holding eye lids apart to insure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention immediately.

Ingestion Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Drink 1-2 glasses of water. If vomiting occurs spontaneously, keep airway clear. Get medical attention immediately.

Skin Contact Immediately remove contaminated clothing and flush affected areas with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse, discard footwear, which cannot be decontaminated. Get medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Severe skin irritant. May cause reddening, swelling, and burning. May be irritating to respiratory system. May cause serious irritation to eyes.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Small fire: Use dry chemical. Large fire: Use water spray, fog or foam

Unsuitable Extinguishing Media None known

Specific Hazards Arising from the Chemical
None known.

Hazardous Combustion Products	Carbon oxides Nitrogen oxides (NOx)

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	Avoid contact with eyes and skin. Avoid breathing vapors or spray mists. Wash thoroughly after handling.

Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so. Do not allow to enter drains, sewers or watercourses, dike if necessary.
Methods for Cleaning Up	Absorb with inert material and place in appropriate disposal container.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling	Wear appropriate personal protective equipment. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Keep containers tightly closed in a cool, dry place. Keep out of reach of children.
Incompatible Materials	Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No occupational Exposure limit assigned.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethanolamine	5 mg/m^3	TWA: 5 mg/m^3	
Sodium Hydroxide	2 mg/m^3	2 mg/m^3	10 mg/m^3

Appropriate Engineering Controls

Engineering Controls	Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	OSHA approved chemical safety goggles with full face shield.
Skin and Body Protection	Wear protective gloves and protective clothing. Rubber or PVC (gloves and boots).
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. Avoid inhalation of mists.

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

Environmental Exposure Controls Avoid contact with strong acids and metals such as zinc, tin, aluminum, or brass.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Clear	**Odor**	Detergent
Color	Brownish	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	>13	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	212° F	
Flash Point	Not determined	
Evaporation Rate	1	Water = 1
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.095	
Water Solubility	Soluble	

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.

Conditions to Avoid
Incompatible Materials.

Incompatible Materials
Acids.

Hazardous Decomposition Products
Carbon oxides, Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation May cause irritation to the mucous membranes and upper respiratory tract. .

Eye Contact May cause serious eye irritation.

Skin Contact May cause skin irritation in susceptible persons.

Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Triethanolamine	6400 mg/kg (Rat)	2000 mg/kg (Rabbit)	
Sodium Hydroxide	300 – 500 mg/kg (Rat)	>2 g/kg (Rabbit)	

Information on Physical, Chemical and Toxicological Effects

Symptoms Severe skin irritant. May cause reddening, swelling, and possible skin burns. May be irritating to respiratory system. May cause severe damage to eyes.

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

Carcinogenicity No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Triethanolamine 102-71-6	EC50 Desmodesmus subspicatus 512 mg/l 72h	Fathead minnow 11800 mg./l 96 h LC50		Daphnia magna EC50 48 h 609.98 mg/l
Sodium Hydroxide 1310-73-2		LC50: Gambusia affinis 125 mg/l 96 h	-	

Persistence and Degradability
This product is biodegradable

Bioaccumulation
No potential for bioaccumulation.

Mobility
Not applicable

Other Adverse Effects
None known

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. Do not reuse empty containers.

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
DSL	Listed
NDSL	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
Sodium Hydroxide 1310-73-2	X	X	X
Triethanolamine 102-71-6	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