SAFETY DATA SHEET

ACP-113LP – Concentrated Destainer **Date: 9/06/2024**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name Concentrated Destainer
Other Means of Identification

Product Number ACP-113LP

Recommended Use of the Chemical and Restrictions on Use
Recommended Use Laundry bleach to fight stains, whiten, brighten and remove odors

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

Acute toxicity- Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 1 sub-category C
Serious Eye Damage/Eye Irritation	Category 1

Signal Word **DANGER**

Hazard Statements
KEEP OUT OF REACH OF CHILDREN.
CORROSIVE. Strong OXIDIZING agent. May cause severe skin and eye irritation or burns to broken skin. Do not breathe fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not discharge effluent into waterways. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas, which is irritating to eyes, lungs and mucous membranes.

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Appearance: Yellow Liquid **Physical State:** Liquid **Odor:** Chlorine Odor

Precautionary Statements - Prevention
Keep container dry, keep away from heat, sources of ignition and combustible materials. Do not ingest, do not breathe fumes, vapor, spray, etc. Do not get in eyes, on skin or clothing.

Precautionary Statements – Response
If exposed or concerned, call a POISON CENTER or doctor/physician.
IF IN EYES: Immediately flush with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Take off contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Precautionary Statements - Storage
KEEP OUT OF REACH OF CHILDREN. Store in a dry place. Store in a tightly closed container in a secure area inaccessible to children. Materials to avoid: acids, ammonia, alcohols, amines, chlorinated isocyanurates, cyanides, detergents, ethers, hydrocarbons, oxidizable materials, organic compounds, heavy metals and household chemicals such as toilet bowl cleaners, rust removers, vinegars and acids.

Precautionary Statements - Disposal
Waste must be disposed of in accordance with federal, state and local environment control regulations.

Other Hazards
STRONG OXIDIZING AGENT – Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas, which is irritating to eyes, lungs, and mucous membranes, Vacate poorly ventilated areas right away.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium hypochlorite	7681-52-9	12 – 15

4. FIRST AID MEASURES

First Aid Measures

Inhalation Remove person to fresh air. If breathing problems develop, call a physician.

Eye Contact Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion Call poison control center or doctor immediately for treatment advice. DO NOT induce vomiting unless told to do so by the doctor or poison control center.

Skin Contact Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Get immediate medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Causes severe eye irritation. Causes severe skin irritation. Liquid or spray mist may cause severe irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use appropriate media for cause of fire.

Unsuitable Extinguishing Media Not determined.

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 Clean up personnel must wear proper protective equipment. Corrosive material.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Small spills: Dilute with water and mop up or absorb with an inert dry material. If necessary, neutralize the residue with a dilute solution of acetic acid.
Large spills: Corrosive liquid, oxidizing material. Stop leak if without risk. Absorb with DRY earth, sand or other noncombustible material. Prevent entry into sewers, basements, or confined areas. Avoid contact with combustible material (wood, paper, oil, and clothing). Neutralize with a dilute solution of acetic acid. Comply with all federal, state, and local reporting requirements.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Keep container dry, keep away from heat, sources of ignition and combustible material. Do not ingest. Do not breathe fumes, vapor, mist, etc. Do not get in eyes, on skin or clothing.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions KEEP OUT OF REACH OF CHILDREN. Store in a dry place. Store in a tightly closed container in a secure area inaccessible to children.

Incompatible Materials Acids, ammonia, alcohols, amines, chlorinated isocyanurates, cyanides, detergents, ethers, hydrocarbons, oxidizable materials, organic compounds, heavy metals, and household chemicals such as toilet bowl cleaners, rust removers, vinegar and acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hypochlorite 7681-52-9	STEL: 1 (ppm as Cl2)	TWA: 2 CEIL: 2 (mg/m^3)	CEIL: 2 (mg/m^3)

Appropriate Engineering Controls

Engineering Controls Good general ventilation should be sufficient for most conditions.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Splash proof chemical safety goggles. Full face shield recommended.
Skin and Body Protection	Rubber gloves or other impervious gloves. Rubber footwear should be used. Safety shower recommended in all storage and handling areas.
Respiratory Protection	Wear approved respirator when ventilation is inadequate.
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	Light Yellow Liquid	**Odor**	Chlorine Odor
Color	Light Yellow	**Odor Threshold**	N/A

Property	**Values**	**Remarks • Method**
pH	12 – 14	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	The lowest known value is 100°C (212°F) (Water)	
Flash Point	N/A	
Evaporation Rate	N/A	
Flammability (Solid, Gas)	N/A	
Upper Flammability Limits	N/A	
Lower Flammability Limit	N/A	
Vapor Pressure	1.6 kPa (@ 20°C)	
Vapor Density	The highest known value is 0.62 (Air=1) (Water).	
Specific Gravity	1.214	
Water Solubility	Complete	

10. STABILITY AND REACTIVITY

Chemical Stability
Fairly stable under normal use and storage conditions. Stability decreases with concentration, heat, light, exposure, decrease in pH, and exposure to heavy metals. Extremely corrosive in presence of aluminum. Moderately corrosive in presence of stainless steel.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Incompatible materials, light, air, heat.

Incompatible Materials
Acids, ammonia, alcohols, amines, chlorinated isocyanurates, cyanides, detergents, ethers, hydrocarbons, oxidizable materials, organic compounds, heavy metals, and household chemicals such as toilet bowl cleaners, rust removers, vinegar and acids.

Hazardous Decomposition Products
Hypochlorous acid (HOCL), chlorine, and hydrochloric acid. Additional decomposition products, which depend upon pH, temperature and time, are sodium chloride, sodium chlorate and oxygen.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation Harmful if inhaled.

Eye Contact Causes severe eye damage/irritation.

Skin Contact Causes severe skin burns.

Ingestion Can cause irritation and corrosive burns to mouth, throat, and stomach.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	=8200 mg/kg (Rat)	>10000 mg.kg (Rabbit)	-
Sodium hydroxide 1310-73-2	-	1350 mg/kg (rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Causes severe eye irritation. Causes severe skin irritation. Liquid or spray mist may cause severe irritation.

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

Carcinogenicity No components of this product present at levels greater than or equal to 0.1% are identified as a probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Hypochlorite 7681-52-9	-	LC50: Lepomis macrochirus 0.28 – 1 mg/L 96 h	-	EC50 static Daphnia Magna 0.033 – 0.044 mg/L 48 h

Persistence and Degradability Not Determined

Bioaccumulation Not Determined

Mobility Not Determined

Other Adverse Effects Not Determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Wastes must be disposed of in accordance with federal, state, and local environmental control regulations.

Contaminated Packaging Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

14. TRANSPORT INFORMATION

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

DOT

UN/ID No	UN1791
Proper Shipping Name	Hypochlorite Solutions
Hazard Class	8
Packing Group	III

IATA

UN/ID No	UN1791
Proper Shipping Name	Hypochlorite Solutions
Hazard Class	8
Packing Group	III

IMDG

UN/ID No	UN1791
Proper Shipping Name	Hypochlorite Solutions
Hazard Class	8
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	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

This product is a U.S. EPA registered disinfectant.

U.S. EPA Label Information 61903-20001-5747– Chlorine Disinfectant

CERCLA Reportable Quantity The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Sodium Hypochlorite	7681-52-9	100 lbs.
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.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium Hypochlorite 7681-52-9	X	X	X
Sodium Hydroxide 1310-73-2	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	3	0	1	Not Determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazard**	**Personal Protection**
	3	0	1	D

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