



COMPLETE CLEANING SOLUTIONS

SAFETY DATA SHEET

ACP 141 – Clean-Up With Bleach

Date: 3/21/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Clean-up with Bleach

Other Means of Identification

Product Code ACP-141

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Cleaning and deodorizing

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 1
Serious eye damage/eye irritation	Category 1

Signal Word

DANGER

Hazard Statements

Causes severe skin burns and eye damage
Avoid breathing vapors.
Use in well-ventilated areas.
Harmful if swallowed. .



Appearance Clear/Pale

Physical State Liquid

Odor Chlorine

Precautionary Statements - Prevention

Do not breathe /fumes/mist/vapors/spray.
 Wash face, hands, and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/ face protection.
 Do not discharge effluent into waterways.

Precautionary Statements - Response

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if irritation persists.
IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water for several minutes. If irritation occurs seek medical attention. Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a physician if irritation occurs.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

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-%
Sodium Hydroxide	1310-73-2	0 – 10
Sodium Hypochlorite	7681-52-9	0 - 10

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Move to fresh air. If irritation occurs get immediate medical attention.
Eye Contact	Remove contact lenses and flush with plenty of water for 15 minutes. Get medical attention if irritation persists.
Ingestion	Do NOT induce vomiting unless told to do so by a doctor. Drink a glass of water. Call a poison control center or doctor immediately for treatment advice.
Skin Contact	Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a doctor if irritation occurs.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, water spray or alcohol resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Caution: Use of water spray when fighting fire may be inefficient. Do not use solid water stream water jet.as it may scatter and spread fire.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion, do not breathe fumes.

Protective Equipment and Precautions for Firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes, or clothing. Keep people away from an upwind of spill/leak.

Methods and Material for Containment and Cleaning Up

Methods for Containment No information available.

Methods for Cleaning Up For small spills: absorb material with clay absorbent or other material. Dispose of the waste material according to local, state and government requirements.
 Large spills: contain the material using barriers of absorbent pigs or similar dams. Soak up with inert absorbent material. Clean contaminated surface thoroughly. Prevent product from entering drains. Advise authorities if spillage has entered watercourse or sewer. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

Conditions for Safe Storage, Including any Incompatibilities

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

Incompatible Materials Incompatible with strong acids and bases. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide	2mg/m ³	2mg/m ³	N/A

Appropriate Engineering Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Provide eye wash and safety shower.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Tight sealing safety goggles, face protection shield when splashing may occur.

Skin and Body Protection Wear suitable protective clothing. Wear impervious protective clothing including boots, gloves, lab coat, apron or coveralls as appropriate, to prevent skin and clothing contact.

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

General Hygiene Considerations When using this product do not eat, drink, or smoke. Wash contaminated clothing before reuse. Keep away from food, drink, and animal feed. Avoid contact with skin, eyes, or clothing. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Chlorine odor
Appearance	Clear	Odor Threshold	N/A
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	12.5 – 13.5	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	N/A	
Flash Point	N/A	
Evaporation Rate	1	Water = 1
Flammability (Solid, Gas)	N/A	
Upper Flammability Limits	N/A	
Lower Flammability Limit	N/A	
Vapor Pressure	1.6	
Vapor Density	N/A	
Specific Gravity	1.051	
Water Solubility	Complete	
Solubility in Other Solvents	N/A	
Partition Coefficient	N/A	
Auto ignition Temperature	N/A	
Decomposition Temperature	N/A	
Kinematic Viscosity	N/A	
Dynamic Viscosity	N/A	
Explosive Properties	N/A	
Oxidizing Properties	N/A	

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing and storage.

Conditions to Avoid

Exposure to air or moisture over prolonged periods.

Incompatible Materials

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation May cause irritation of respiratory tract. Avoid breathing vapors or mists.

Eye Contact Contact with eyes may cause irritation.

Skin Contact Contact will cause irritation.

Ingestion No data available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Hypochlorite 7681-52-9	=8200 mg/kg (rat)	>1000 mg/kg (rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause skin and eye irritation. May cause irritation to respiratory tract. May be harmful if swallowed.

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

Carcinogenicity No ingredients have been identified as a human carcinogen by ACGIH, IARC, NTP, OR OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Dispose of in accordance with federal, state, and local regulations. Dispose of hazardous waste in a RCRA licensed facility.

Contaminated Packaging Dispose of in accordance with federal, state, and local regulations. Do not reuse container.

14. TRANSPORT INFORMATION

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

DOT UN 1791, Hypochlorite solutions, 8, III

Reportable Quantity (RQ) 100

RQ as is (lbs) 800

Special Provisions IB3, N34, T4, TP2, TP24

IATA Special Provisions UN 1791, Hypochlorite solutions, 8, III
A3

IMDG Special Provisions UN 1791 Hypochlorite solutions, 8, iii
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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

CERCLA Reportable Quantity

The following components are listed:

Chemical Name	CAS Number	CERCLA RQ
Sodium Hydroxide	1310-73-2	1000 lbs.
Sodium Hypochlorite	7681-52-9	100 lbs.

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

US State Regulations

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

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

<u>NFPA</u>	Health Hazards 2	Flammability 0	Instability 1		
<u>HMIS</u>	Health Hazards 2	Flammability 0	Physical Hazards 1	Personal Protection 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