

A50125 - LA50125-CS - LA50130 Each Case Pail

# SAFETY DATA SHEET

Revision Date 2-Jun-15

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# **1. PRODUCT AND COMPANY IDENTIFICATION**

# PRODUCT NAME: HIGH EFFICIENCY LIQUID LAUNDRY DETERGENT RECOMMENDED USE: LAUNDRY DETERGENT RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL. LABEL BRAND: IOWA PRISON INDUSTRIES CODE (PART NUMBER) LA50125, LA50130

# IOWA PRISON INDUSTRIES 406 N HIGH STREET ANAMOSA, IA 52205 USA MEDICAL EMERGENCY: 1-866-923-4913 USA PRODUCT INFORMATION: 1-319-462-3547 USA (6:30 A.M. TO 4 P.M. CST MONDAY TO FRIDAY) INTERNET ADDRESS: www.iaprisonind.com

# 2. HAZARDS IDENTIFICATION

# **Classification**

Acute toxicity - Oral	Category 4
Serious Eye Damage/Eye Irritation	Category 2B
Skin Corrosion/Irritation	3
Hazardous to the aquatic environment, acute	3

## <u>Signal Word</u> Warning

## Hazard Statements

Harmful if swallowed Causes eye irritation Causes mild skin irritation Hazardous to aquatic life



Physical State Liquid

#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Wear eye/face protection

## Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Get medical attention if irritation occurs IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth IF ON SKIN: Rinse with water. If skin irritation occurs, get medical advice/attention.

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Other Hazards

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	70-90
Acrylic Polymer	Mixture	10-15
Sodium alkyaryl sulfonate	25155-30-0	5-10
Sodium Carbonate	497-19-8	1-5
Sodium Citrate	68-04-02	1-5

# 4. FIRST AID MEASURES

#### First Aid Measures

Inhalation	Remove to fresh air. If symptoms persist, call a physician.	
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.	
Ingestion	Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.	
Skin Contact	Wash with plenty of water. If skin irritation persists, call a physician.	
Most Important Symptoms and Eff	ects. both Acute and Delayed	
Symptoms	May cause severe eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.	

#### 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 Not determined.

#### Specific Hazards Arising from the Chemical

Non-flammable.

#### **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 Containm	nent and Cleaning Up	
Methods for Containment	Prevent further leakage or spillage if safe to do so.	
Methods for Cleaning Up	Keep in suitable, closed containers for disposal.	
	7. HANDLING AND STORAGE	
Precautions for Safe Handling		
Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.	
Conditions for Safe Storage. Including any Incompatibilities		
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.	
Incompatible Materials	Strong acids.	

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Exposure Guidelines

Oral LD50	Dermal LD50	Inhalation LC50
= 1080 mg/kg (Rat)	-	-
= 2800 mg/Kg (Rat)	>2000 mg/Kg (Rat)	= 800 mg/m <sup>3</sup> ( Rat )
= 1546 mg/Kg (Rat)	-	-
	= 1080 mg/kg (Rat) = 2800 mg/Kg (Rat)	= 1080 mg/kg (Rat) - = 2800 mg/Kg (Rat) >2000 mg/Kg (Rat)

## **Appropriate Engineering Controls**

**Engineering Controls** Provide adequate ventilation. Eyewash stations.

## Individual Protection Measures. such as Personal Protective Equipment

Eye/Face Protection	Wear approved safety goggles where a splash hazard exists.
Skin and Body Protection	Wear suitable protective clothing.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.

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 Appearance Color <u>Property</u> pH Melting Point/Freezing Point Boiling Point/Boiling Range Flash Point	Liquid clear clear Values 8.5-9.5 Not determined Not determined Non-flammable	Odor Odor Threshold <u>Remarks • Method</u>	Not determined Not determined
Property Evaporation Rate Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Vapor Pressure Vapor Density Specific Gravity Water Solubility Solubility in Other Solvents Partition Coefficient Autoignition Temperature Decomposition Temperature Kinematic Viscosity Dynamic Viscosity Explosive Properties Oxidizing Properties	ValuesNot determinedn/a-liquidNot determinedNot determinedNot determinedNot determinedSoluble in waterNot determinedNot an explosiveNot determined	<u>Remarks • Method</u>	

# **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**

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

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Causes eye irritation.
Skin Contact	Avoid contact with skin.
Ingestion	Harmful if swallowed.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium alkyaryl sulfonate	= 1080 mg/kg (Rat)	-	-
25155-30-0			
Sodium Carbonate	= 2800 mg/Kg (Rat)	>2000 mg/Kg (Rat)	= 800 mg/m <sup>3</sup> ( Rat )
Sodium Citrate	= 1546 mg/Kg (Rat)	-	-
Sodium Citrate	= 1546 mg/Kg (Rat)	-	-

#### Information on Physical, Chemical and Toxicological Effects

Symptoms

Please see section 4 of this SDS for symptoms.

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

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

# Numerical Measures of Toxicity

Not determined

# **12. ECOLOGICAL INFORMATION**

## **Ecotoxicity**

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Alkyaryl		10.8: 96 h Oncorhynchus		
Sulfonate		mykiss mg/L LC50 static		
25155-30-0				
Sodium carbonate	242: 120 h Nitzschia mg/L	300: 96 h Lepomis		265: 48 h Daphnia magna
497-19-8	EC50	macrochirus mg/L LC50		mg/L EC50
		static 310 - 1220: 96 h		
		Pimephales promelas mg/L		
		LC50 static		

#### 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	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.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Sodium carbonate	Corrosive
497-19-8	

# **14. TRANSPORT INFORMATION**

<u>Note</u>	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

Not Determined

#### 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

## <u>SARA 313</u>

Components listed as reportable and known to be present at or above de minimus levels as specified in 40 CFR§372.38(a): None

## CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium Alkyaryl Sulfonate 25155-30-0	1000 lb			Х

# CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Alkyaryl Sulfonate	1000 lb		RQ 1000 lb final RQ
25155-30-0			RQ 454 kg final RQ

## US State Regulations

## U.S. State Right-to-Know Regulations

New Jersey	Massachusetts	Pennsylvania
Х	X	X
	New Jersey X	New Jersey Massachusetts   X X

16. OTHER INFORMATION				
NFPA	Health Hazards	Flammability	Instability	Special Hazards
<u>HMIS</u>	1 Health Hazards 1	0 Flammability 0	0 Physical Hazards 0	None Known Personal Protection 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