

RCAI

940 Calle Amanecer, Unit E, San Clemente, CA 92673

RE: MSDS – ALDEROX® ASA-12®

(949) 542-7440

Material Safety Data Sheet

Section 1	Product and Company Identification
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Product Identification:

Trade Name	ALDEROX® ASA-12®
Product Type	Mining Truck Bed & Equipment Release Agent
DOT Shipping Name	Industrial Process Liquid
CAS Number	8001-22-7

Company Identification:

Company	RCAI Reclamation Consulting & Applications Inc.
Address	940 Calle Amanecer, Unit E San Clemente, CA 92673
Phone Number	(949) 542-7440

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Section 2	Product Composition
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Ingredients: Hazardous	CAS #	Composition %	Exposure Criteria
None	N/A	TM	Non-hazardous
	N/A	TM	Non-hazardous
	N/A	TM	Non-hazardous

Section 3	Physical and Chemical Properties
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Physical and Chemical Properties:

Boiling Point	>212° F	Melting Point	N.A.
Freezing Point	-4°F (-20°C)	Vapor Pressure	N.D.
Specific Gravity	.925 @ 20C.	Solubility in Water	N.S.
Vapor Density	N.D.	Evaporation Rate	<1
% Volatile	N.D.	pH	6.4
Appearance	Yellow Liquid		

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Section 4	Fire & Hazard Data
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Safety Ratings:

NFPA Rating		Zero
HMIS Hazard Index Flammability		One

Hazard Data:

Flash Point (& Method Use) Closed Cup		>540°F (232°C) TCCC
Flammable Limits in Air by Volume		
• Upper Limit		N.D.
• Lower Limit		N.D.
Auto Ignition Temperature		N.D.
Extinguishing Media		Dry Chemical; Foam; CO ₂

Special Firefighting Instructions:

Class 3B. Use water spray to cool drums exposed to fire. Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water.

Unusual Fire and Explosion Hazard:

None Known

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Section 5	Stability and Reactivity Data
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Stability and Reactivity Data:

Stability	Stable
Incompatibility	Strong Oxidizing Agents
Hazardous Decomposition Ingredients	None
Hazardous Polymerization	Will not occur

Section 6	Health Hazard Information
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Toxicity Information - Non-hazardous.

Emergency & First Aid Procedures:

Inhalation:	If choking or allergic reaction occurs, seek immediate medical attention.
Ingestion:	Drink water to dilute and seek immediate medical attention.
Skin Contact:	Wash area with soap and water. If allergic reaction occurs, seek immediate medical attention.
Eye Contact:	Flush with water for 15 minutes and seek immediate medical attention

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Section 7	Precautionary Health and Safety Measures
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Precautionary Health Measures:

Respiratory Protection	Recommended
Eye Protection	Safety glasses required
Gloves	Recommended

Precautionary Safety Measures:

Ventilation Requirements	Application of the product should be done in a well-ventilated area.
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Section 8	Spill or Leak Procedures
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Action if Material is Released or Spilled

- Small spills can be absorbed on an inert material and disposed of in a landfill according to local regulations.
- Any residual can be flushed to drain with excess water.
- Material 99.8% Biodegradable.
- Mild caustic (pH 9.5) may be used to remove residual product film.

Waste Disposal Method:

- Dispose according to federal, state and local regulations.
- This product contains no components that are reportable under CERCLA.
- It is not considered to be a hazardous waste.

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Section 9	Special Precautions
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Precautions:

Handling

- Handle with caution. Avoid spilling.

Storage

- Container must be kept closed when not in use.
- Recommended storage temperature: 0°C - 29°C (34°F - 84°F)

CAUTION:

- For industrial use ONLY

CAUTION:

- Keep out of reach of children.
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PREPARED BY: RCAI

DATE: 8-27-2007