




Safety Data Sheet

Aries 3644, 3766

Section 1. Identification

Product Identifier	Aries 3644, 3766		
Synonyms	N/A		
Manufacturer Stock Numbers	N/A		
Recommended use	Water treatment		
Uses advised against	N/A		
Manufacturer Contact			
Address	Aries Chemical Incorporated PO BOX 519 Beaver Falls, NY, 13305		
	Phone	Emergency Phone	Fax
	(315) 346-1489	(800) 535-5053 INFOTRAC	(315) 346-1658
	Email	Website	
	aries@arieschem.com	www.arieschem.com	

Section 2. Hazards Identification

Classification	SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning
Pictogram	
Hazard Statements	Causes skin irritation
Precautionary Statements	
Response	IF IN EYES: Immediately flush eyes with water for at least 15 minutes, including under eyelids. Get medical attention if irritation persists. IF INHALED: Remove to fresh air. If breathing is difficult, give oxygen. If

symptoms occur, call a physician.
 IF ON SKIN: Wash with plenty of water and remove contaminated clothing. Get medical attention if irritation develops.
 IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Call a physician immediately.

Prevention Avoid release to the environment.
 Do not get in eyes, on skin, or on clothing.
 Keep away from heat and sources of ignition. Do not cut, grind or weld near containers.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Storage Store at room temperature. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Avoid contact with strong oxidizing agents.

Disposal Dispose of contents/container in accordance with local, state and federal regulations.

General Spills produce extremely slippery surfaces.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified
 No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64742-47-8	Distillates, petroleum, hydrotreated light	20.5% - 22.5%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Ingestion If swallowed, do NOT induce vomiting. Rinse mouth with water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

First Aid Inhalation Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Remove contaminated clothing. Wash skin with soap and water. Get medical attention if necessary.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, carbon dioxide, dry chemical
Unsuitable Extinguishing Media	Solid water stream (water may be ineffective).
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Suitable extinguishing media	Cool exposed containers with water spray after extinguishing fire.
Fire fighting instructions	Water runoff can cause environmental damage. Dike and collect water used to fight fire.
Additional Information	Unusual fire and explosion hazards: Thermal decomposition may release oxides of carbon and nitrogen, ammonia and hydrogen chloride.

Section 6. Accidental Release Measures

Clean-up	Wear a self-contained breathing apparatus and appropriate Personal protection. (See Exposure Controls/Personal Protection section.) Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.
----------	---

Section 7. Handling and Storage

Handling	Wear appropriate PPE when handling, including an approved respirator if mist or vapor levels exceed exposure limits. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking or smoking. Wash thoroughly after handling. Contaminated surfaces will be extremely slippery. Handle in accordance with good industrial hygiene and safety practice.
Storage	Store at room temperature (between 39.2 and 89.6 F) in original container. Store away from oxidizing agents. Do not use iron, copper or aluminum containers or equipment. Keep container closed when not in use. Store in a well-ventilated area. Store away from heat. Keep away from sources of ignition.
Handling	Do not cut, grind or weld on or near container.
Storage	Emergency eye wash and safety shower should be located nearby.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Distillates, petroleum, hydrotreated light	1200 mg/m3	1200 mg/m3	N/A
Personal Protective Equipment	Goggles, Gloves, Face Shield			
Engineering controls	Adequate ventilation, eye-wash station and emergency shower.			
Eye/face protection	Wear chemical splash goggles, face shield.			
Hand/skin protection	Wear chemical resistant gloves and clothing.			

Respiratory protection Use NIOSH approved respirator in accordance with OSHA respiratory protection requirements if airborne concentrations exceed published exposure limits (29 CFR 1910.134).

General hygiene considerations Do not eat, drink or smoke while handling this product.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Grey to white
Odor	Ammonia-like
Odor Threshold	No data available
Solubility	Limited by viscosity
Partition coefficient Water/n-octanol	No data available
VOC%	N/A
Viscosity	>22,5 mm ² /s @ 40 C
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>93 C
FP Method	Closed cup
Ph	6-8
Melting Point	-18 to 0 C
Boiling Point	81 to 127 C
Boiling Range	No data available
LEL	N/A
UEL	N/A
Evaporation Rate	No data available
Flammability	No data available
Decomposition Temperature	No data available
Auto-ignition Temperature	No data available
Vapor Pressure	No data available
Vapor Density	No data available

Additional Information Specific gravity: ~1.0

Section 10. Stability and Reactivity

Chemical stability Stable under normal conditions of storage and handling.

Hazardous polymerization Hazardous polymerization will not occur.

Additional Information -Conditions to avoid: Keep away from sources of heat and ignition. Do not cut, grind or weld near containers.
 -Materials to avoid: Strong oxidizing agents. This material reacts slowly with iron, copper and aluminum, resulting in corrosion and product degradation.
 -Hazardous decomposition products: Carbon monoxide, carbon dioxide, ammonia, nitrogen oxides

Section 11. Toxicological Information

Likely routes of exposure	Skin, Eye
Eye contact	May cause eye irritation.
Skin contact	Causes moderate skin irritation.
Inhalation	High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.
Ingestion	No information available.
Aspiration hazard	Aspiration of minute amounts during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
Sensitization	Not classified.
Carcinogenicity	No components have been identified as carcinogenic by OSHA, NTP or IARC.
Mutagenicity	No information available.
Reproductive toxicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeat exposure	No information available.
Additional Information	Acute toxicity: -Petroleum distillates, hydrotreated light (64742-47-8) LD50/Oral/Rat: >5,000 mg/kg LC50/Inhalation/Rat/4hr: >20 mg/L LD50/Dermal/Rabbit: >3,160 mg/kg

Section 12. Ecological Information

Aquatic toxicity	This material is not classified as dangerous for the environment.
Bioaccumulative potential	Not expected to bioaccumulate.
Mobility	Water solubility limited by viscosity.
Persistence and degradability	Not readily biodegradable.
Additional Information	Aquatic toxicity data: -Algae Test Results IC50/Green algae/72hr/Growth Inhibition: >100 mg/L IC50/Marine algae/72hr/Acute algal toxicity: ~27 mg/L -Fish Test Results LC50/Brachydanio rerio/96hr: >100 mg/L LC50/Pimephales promelas/48hr = 84.4 mg/L -Invertebrate Test Results EC50/Daphnia magna/48hr/Acute Immobilization: >100 mg/L EC50/Corophium volutator/10day/Acute Invertebrate Toxicity = 857 mg/L EC50/Acartia tonsa/48hr/Acute Invertebrate Toxicity = 7.4 mg/L *Ecotoxicological information provided is based on a structurally or compositionally similar product.

Section 13. Disposal

Disposal Dispose of in accordance with federal, state and local regulations. Do not discharge into sewer or surface water.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not classified as dangerous in the meaning of transport regulations.
DOT Classification N/A
Packing Group N/A

Section 15. Regulatory Information

TSCA The ingredients of this product are either listed on or exempt from listing on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

California Proposition 65 The following chemicals are recognized by the State of California as carcinogenic: None known.

SARA Section 313 Hazardous Component(s) subject to reporting under 40 CFR 372(SARA Title III, Sec. 313): None.

Additional Information OSHA Hazard Communication Status
Skin corrosion/irritation, Category 2

FEDERAL REGULATIONS
-SARA Title III Section 311/312 Hazard Categories: Immediate-Yes. Delayed-No.
Fire-No. Pressure-No. Reactivity-No.

Section 16. Other Information

Revision Date 7/6/2015

Version Number 1

HMIS Rating Health - 2; Flammability - 1; Reactivity - 0

NFPA Rating Health - 2; Flammability - 1; Reactivity - 0; Special - None

HMIS and NFPA Rating Minimal - 0; Slight - 1; Moderate - 2; Serious - 3; Severe - 4
Scale

Reason for Revision New format in accordance with GHS SDS guidelines.

Disclaimer While Aries Chemical Inc. believes the data set forth herein is accurate as of the date hereof, Aries Chemical makes no warranty with respect thereto and expressly disclaims all liability for refinance thereon of such data and is offered solely for your consideration, investigation and verification.