



IOSSO WATER REPELLENT

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	IOSSO WATER REPELLENT
Product Code(s)	10916, 10917, 10918, 10919, 11900, 11905
SDS #	IOSSO-3001.US

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Water repellent
Uses Advised Against	None
Company Identification	IOSSO Products 1485 Lively Blvd Elk Grove, IL 60007
Telephone	(847) 437-8400; 1-888-747-4332 (toll free)
E-Mail (competent person)	iossoproducts@iosso.com

Emergency telephone number

Emergency Phone No.	M-F 8:00 AM - 4:30 PM CST: 1-847-437-8400; 1-888-747-4332 (toll free, north america); Not classified as dangerous for transport.
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Not classified as dangerous for supply/use.
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Label elements

Hazard Symbol	None
Signal Word(s)	None
Hazard Statement(s)	May cause eye irritation.
Precautionary Statement(s)	Avoid contact with eyes. Wash hands and exposed skin after use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	% wt.	CAS No.	Hazard classification
Trade secret polymers and preservative	10 - 50	Trade Secret	Not classified as dangerous for supply/use.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: **None**



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SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

Remove person to fresh air. If symptoms develop, obtain medical attention. If breathing is labored, administer oxygen.

Skin Contact

Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion

Call a physician immediately. Treat symptomatically.

Most important symptoms and effects, both acute and delayed

None

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media

As appropriate for surrounding fire. Product is not classified as flammable, but will burn on contact with flame or exposure to high temperature.

-Unsuitable Extinguishing Media

None known.

Special hazards arising from the substance or mixture

None known.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Not normally required.

Environmental precautions

Not normally required.

Methods and material for containment and cleaning up

Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes. Wash hands and exposed skin after use.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Store at room temperature. Do not allow material to freeze.



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-Incompatible materials

Substances that react with water.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

Recommended monitoring method

None

Appropriate engineering controls

For spray applications, use a coarse spray device such as a trigger sprayer with particle size production greater than 15 microns. Use only a low pressure (less than 60 psi) sprayer. Do not aerosolize or atomize. Suitable ventilation must be used.

Personal protection equipment

Eye/face protection



Not normally required. Avoid contact with eyes. Wash hands and exposed skin after use.

Skin protection (Hand protection/ Other)



Not normally required. May use gloves.

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH approved mask or equivalent.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color.	Opaque / White
Odor	Slight
Odor Threshold (ppm)	Not available
pH (Value)	~ 5
Melting Point (°C) / Freezing Point (°C)	~ 0 (~ 32 °F)
Boiling point/boiling range (°C):	~ 100 (~ 212 °F)
Flash Point (°C)	Non-combustible / Non-flammable
Evaporation Rate	Not available
Flammability (solid, gas)	Non-combustible / Non-flammable
Explosive Limit Ranges	Non-combustible / Non-flammable
Vapour pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available



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Solubility (Water)	Miscible
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	< 20.5 @ 40 °C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

None

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	None known
Incompatible materials	Substances that react with water.
Hazardous decomposition product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (estimated / calculated)	Oral: LD50 >2000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw
Irritation/Corrosivity	May cause eye irritation. Unlikely to cause skin irritation.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not to be expected
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	Not to be expected
Reproductive toxicity	Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (By analogy with similar materials)

Acute toxicity	LC50 (96 hour) > 100 mg/l (fish) EC50 (48 hour) > 100 mg/l (invertebrates)
Long Term Toxicity	No data
Persistence and degradability	No data
Bioaccumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	No data.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.



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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number			
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Not classified as dangerous for transport.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or exempt.

The Fluorinated acrylic polymer in this product is subject to an action under a TSCA section 5 (e) Consent Order between the US EPA and the chemical's manufacturer.

TSCA 12(B): The Fluorinated acrylic polymer is subject to export notification.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories: None

☐ Fire ☐ Sudden Release ☐ Reactivity ☐ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Formaldehyde (trace to none)	50-00-0	Cancer



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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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