



IOSSO METAL POLISH

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 METAL POLISH
Product Code(s)	10333, 10107, 10507
SDS #	IOSSO-1002

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

Identified Use(s)	Polishing compound
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)	Skin Irrit. 2; STOT SE 3
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Label elements

Hazard Symbol

**WARNING**

Signal Word(s)

Hazard Statement(s)

Causes skin irritation.
May cause drowsiness or dizziness.
May cause eye irritation.

Precautionary Statement(s)

Wear protective gloves/eye protection.
Avoid breathing vapours.
Wash hands and exposed skin after use.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	% wt.	CAS No.	Hazard classification
Proprietary Blend	10 - 20	Trade Secret	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336

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**

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms persist, obtain medical attention.
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	If symptoms develop, obtain medical attention. 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.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Not normally required. Wear protective gloves/eye protection.
Environmental precautions	Not normally required. Contain effluent and prevent effluent from entering sewers and waterways.
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 skin and eyes. Wear protective gloves/eye protection. Avoid breathing vapours. 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.
-Incompatible materials	None known
Specific end use(s)	Polishing compound

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Alkanes (C9-C15)	-----	-----	1200 mg/m ³	-----	-----	-----

Recommended monitoring method	NIOSH 1550 (Naphthas)
Appropriate engineering controls	No special measures are required.

Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber). Check with protective equipment manufacturer's data.



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Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Paste
Color	Pinkish
Odor	Slight Ammonia
Odor Threshold (ppm)	Not available
pH (Value)	7
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	70 (158 °F)
Flash Point (°C)	> 93.3 (> 200 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Explosive Limit Ranges	Not available
Vapour pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	1.09
Solubility (Water)	Insoluble
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

VOC Content: 2.569 lb/gal

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	None known
Hazardous decomposition product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact

Information on toxicological effects

Proprietary blend (CAS No. Trade Secret) - By analogy with similar materials:



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Acute toxicity	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 > 5.6 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.										
Irritation/Corrosivity	Causes skin irritation.										
Sensitization	It is not a skin sensitizer.										
Repeated dose toxicity	Oral: LOAEL 500 mg/kg Dermal: NOEAL > 2000 ml/kg bw Inhalation: NOAEL ≥1000 mg/m3										
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.										
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">NTP</th> <th style="width: 20%;">IARC</th> <th style="width: 20%;">ACGIH</th> <th style="width: 20%;">OSHA</th> <th style="width: 20%;">NIOSH</th> </tr> </thead> <tbody> <tr> <td>No.</td> <td>No.</td> <td>No.</td> <td>No.</td> <td>No.</td> </tr> </tbody> </table>		NTP	IARC	ACGIH	OSHA	NIOSH	No.	No.	No.	No.	No.
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

Substances in preparations / mixtures:

Proprietary Blend (CAS No. Trade Secret) - By analogy with similar materials:

Acute toxicity	LL50 (96 hour) = 8.2 mg/l (<i>Pimephales promelas</i>) EL50 (48 hour) = 4.5 mg/l (<i>Daphnia magna</i>)
Long Term Toxicity	NOELR (21 days) = 2.6 mg/l (<i>Daphnia magna</i>) NOELR (72 hour) = 0.5 mg/L (<i>Pseudokirchnerella subcapitata</i>)
Persistence and degradability	According to OECD criteria the substance is not readily biodegradable but inherently biodegradable.
Bioaccumulative potential	The substance 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.

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.
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SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	Not classified as dangerous for transport.		
Proper Shipping Name			
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

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



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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 polymer exempt.

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

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

SARA 311/312 - Hazard Categories:

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
None	----	----

SECTION 16: OTHER INFORMATION

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

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