

MATERIAL SAFETY DATA SHEET

PIRANHA

Revision Date: 10/10/2012

Version 1.0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: ECOSOLUT 14 Concentrate

Product Use: Oil treatment Product

MSDS Date of Revision: October 10, 2012

Distributed by: Relay Distributing

6005 50 Ave Lloydminster, SK

1-800-565-7940

MANUFACTURER

Oil Treatment International Ltd.

Seestrasse 5

CH-6300 Zug, Switzerland

Telephone: +41-41-72 72 100

In the case of Emergency only

Phone CANUTEC:

(613) 996-6666

SECTION 2: HAZARDS IDENTIFICATION

HAZARDS IDENTIFICATION: Causes severe eye irritation and damage. May cause skin irritation. May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	68955-19-1	5-15%
Alcohol (C9-C11) poly (2.5-9) ethoxylates	Proprietary	25-35%

SECTION 4: FIRST AID MEASURES

Eye: Flush eyes with plenty of water for at least 30 minutes, holding eyelids open. Remove contact lenses if possible and continue rinsing. Get immediate medical attention.

Skin: Wash exposed skin with soap and water for at least 15 minutes. Remove contaminated clothing. Get medical attention.

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if symptoms persist.

Ingestion: DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing Media: Use water fog or spray, alcohol-resistant foam, carbon dioxide, or dry chemical.

Fire and Explosion Hazards: Collect contaminated extinguishing water. Do not allow runoff to enter drains.

Fire Fighting Procedures: As in any fire, wear positive pressure, self-contained breathing apparatus and full protective gear. Cool fire exposed containers with water.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective clothing and equipment (see Section 8).

MATERIAL SAFETY DATA SHEET

PIRANHA

Revision Date: 10/10/2012
Version 1.0

Small Spill: Contain and collect spill with an inert absorbent material and place into an appropriate container. Wash area with water.

Large Spill: Stop spill at source if safe to do so. Dike spill and collect liquid into containers. Collect residual with an inert absorbent material and place into an appropriate container.

Prevent run-off to sewers, streams or other bodies of water. Report spills and releases as required to appropriate authorities.

SECTION 7: HANDLING AND STORAGE

Handling: Use with adequate ventilation. Prevent contact with eyes, skin, and clothing. Wash exposed skin with soap and water after use.

Storage: Store in a cool, dry area. Maintain good ventilation in storage area. Keep containers closed when not in use. Store in original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Sulfuric acid, mono-C12-18-alkyl esters, sodium salts	None Established
Alcohol (C9-C11) poly (2.5-9) ethoxylates	None Established

Engineering Controls: General ventilation should be adequate for normal use.

Personal Protective Equipment

Eye and Face: Face shield and goggles are recommended to prevent eye contact. **Skin:** Impervious neoprene or nitrile gloves to avoid prolonged contact.

Respiratory: None required under normal use conditions.

Protective Clothing: None required under normal use conditions.

Work Hygienic Practices: Wash hands with soap and water after handling. Do not eat, drink or smoke in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Odor: Characteristic

pH: 7-8

Boiling Point: >125°C (>257°F)

Vapor Pressure: Not determined

Vapor Density: Not determined

Flash Point: >130°C (>266°F)

Autoignition Temperature: Not determined

Appearance: Pale

Percent Volatile: Not determined

Specific Gravity: 1.03 @ 20°C

Melting Point: Not determined

Water Solubility: Partially

Evaporation Rate: Not determined

Flammable Limits: LEL: Not determined

UEL: Not determined

SECTION 10: STABILITY AND REACTIVITY

Stable: Yes

Hazardous Polymerization: None known.

Conditions to Avoid: Keep away from frost, heat, and sunlight.

Incompatible Materials: Oxidizing agents.

MATERIAL SAFETY DATA SHEET

PIRANHA

Revision Date: 10/10/2012

Version 1.0

Hazardous Decomposition Products: Thermal decomposition will yield carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause severe eye irritation and damage. Risk of serious damage to eyes.

Skin: May cause irritation.

Skin Absorption: Not expected.

Ingestion: Swallowing may cause gastrointestinal disturbances.

Inhalation: No adverse effects are expected. **Acute**

Toxicity: May be harmful if swallowed. **Chronic**

Toxicity: No adverse effects are expected.

Carcinogenicity: None of the components is listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

Mutagenicity: No adverse effects are expected.

Reproductive Toxicity: No adverse effects are expected

Sensitization: Not a sensitizer.

Toxicity Data: No toxicity data is currently available.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Information: The components are biodegradable. This mixture contains no substance considered to be persistent, bio accumulating or toxic. This product should not be allowed to enter drains, water courses or soil.

Eco toxicological Data: No Eco toxicity data is currently available.

SECTION 13: DISPOSAL INFORMATION

Disposal Method: Dispose in accordance with all local, state and federal regulations.

Empty Container: Offer empty containers for recycling.

General Comments: It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste.

SECTION 14: TRANSPORT INFORMATION

US DOT (Department of Transportation)

Proper Shipping Name: Not Regulated

Hazard Class/Packing Group: None

UN Number: None

Marine Pollutant: None

MATERIAL SAFETY DATA SHEET

PIRANHA

Revision Date: 10/10/2012
Version 1.0

Hazardous Substance (49CFR172.101): None
Reportable Quantity: None
Label: None

IMDG CODE

Proper Shipping Name: Not Regulated
Hazard Class/Packing Group: None
UN Number: None
Marine Pollutant: None

SECTION 15: REGULATORY INFORMATION

EPA TSCA Inventory: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

EPA SARA 302 Chemicals: None

EPA SARA 311/312 Hazard Classification: Acute Health

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

Clean Air Act 40 CFR Part 68 – Risk Management for Chemical Accident Release Prevention: Not Applicable

Protection Of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA Section 103: This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product contains the following chemicals regulated under Proposition 65: None known

SECTION 16: OTHER INFORMATION

WHMIS Classification: D2B

NFPA Rating (NFPA 704):	FIRE: 1	HEALTH: 2	INSTABILITY: 0
HMIS Rating:	FIRE: 1	HEALTH: 2	PHYSICAL HAZARD: 0
4 = Severe Hazard 3 = Serious Hazard 2 = Moderate Hazard 1 = Slight Hazard 0 = Minimal Hazard			

Revision Summary: New US MSDS

=====

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.