



Safety Data Sheet (91/155/EEC): 20010I

Revision Date: 07/14/2003
Issued: 07/14/2003

LIQUAPAR® OIL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of Substances of Preparation:

Product Id: 20010I

Product Name: LIQUAPAR® OIL

CAS Registry Number: 4191-73-5; 4247-02-3; 94-26-8

CAS Registry Name: Benzoic acid, 4-hydroxy-, butyl ester; Benzoic acid, 4-hydroxy-, 1-methylethyl ester; Benzoic acid, 4-hydroxy-, 2-methylpropyl ester

Manufactured by: International Specialty Products
1361 Alps Rd.
Wayne, NJ 07470

Distributed By:
ISP Europe HQ
Waterfield
Tadworth
Surrey KT20 5HQ, United Kingdom

Synonyms: Isopropylparaben; Isobutylparaben; Butylparaben (INCI NAMES)

Emergency Telephone: 01865 407333
From outside the UK:(44) 1865 407333 (English only)

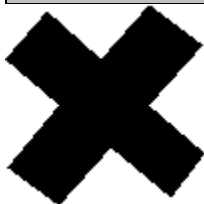
Prepared By: Product Stewardship

Product Use: Preservative

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components:	Weight %	EU Classification:	German MAK:	UK OES/MEL:
Isopropylparaben 4191-73-5	40	NA	Not determined	Not determined
Butylparaben 94-26-8	30	NA	Not determined	Not determined
Isobutylparaben 4247-02-3	30	NA	Not determined	Not determined

3. HAZARDS IDENTIFICATION



Indication of Danger :
Xi Irritant

Risk Phrases: R38 - Irritating to skin
R41 - Risk of serious damage to eyes.

Hazard Overview

Target Organs: Eyes

Primary Entry Routes: Eyes.

Acute Health Hazards: Causes severe eye irritation.

Chronic Health Hazards: None known

Signs and Symptoms of Overexposure

Eye Contact: Causes severe eye irritation may cause tissue damage.

Skin Contact: Not a hazard under normal use conditions.

Ingestion: Not a hazard under normal use conditions.

Inhalation: Not a hazard under normal use conditions.

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Skin Contact: Wash with soap and water.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: No specific treatment is necessary since material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

Flash Point (°F): 244.94

Extinguishing Media: All standard firefighting media

Unusual Fire/Explosion Hazards: Unknown

Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment.

Procedure for Cleaning/Absorption: Contain spill with sand or other inert materials.

7. HANDLING AND STORAGE

Handling: Do not get in eyes. Wash thoroughly with soap and water after handling.

Storage: Keep containers tightly closed when not in use. Store in a cool, dry place, out of direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use in a well ventilated area.
Respiratory Protection:	Wear a NIOSH approved respirator appropriate for airborne exposure at the point of use.
Hand Protection:	Use gloves as a standard industrial handling procedure.
Eye Protection:	Chemical goggles; also wear a face shield if splashing hazard exists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid
Color:	Clear
pH:	Unknown
Specific Gravity:	1.1033 @25°C
Boiling Point (°F):	514
Melting Point (°F):	Not determined
Vapor Pressure:	<10 mm Hg
Solubility:	Slightly soluble in water

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of handling, use and transportation.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Not determined.
Hazardous Decomposition Products:	None known

11. TOXICOLOGICAL INFORMATION

Toxicity Test:	
Acute Oral LD50 (mg/kg):	>5,000
Sensitization:	Non- sensitizing to guinea pig skin (4% w/v solution). Human RIPT: Non-sensitizing (tested in dilution).
Skin Irritation:	Mildly irritating to rabbit skin (as sold).
Eye Irritation:	Severely irritating to rabbit eye (as sold).

12. ECOLOGICAL INFORMATION

Biodegradability:	Not determined.
Aquatic Toxicity:	No data is available on the adverse effects of this material on the environment.
Germany VCI Assigned Classification into Water Endangering Classes (WGK) List	This product and/or its components is not listed on WGK.
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13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Follow all applicable community, national or regional regulations regarding waste management methods.

14. TRANSPORT INFORMATION

Land Transportation:

DOT (Non-Bulk):

DOT Shipping Name: NOT REGULATED

UN/NA Number: NONE

Hazard Class: NONE

DOT (Bulk):

DOT Shipping Name: NOT REGULATED

UN/NA Number: NONE

Hazard Class: NONE

Air Transportation (IATA):

Proper Shipping Name: NOT REGULATED

UN Number: NONE

Hazard Classification: NONE

Sea Transportation (IMO):

Proper Shipping Name: NOT REGULATED

UN/ID Number: NONE

Hazard Classification: NONE

ADR:

Proper Shipping Name: NOT REGULATED

15. REGULATORY INFORMATION

Classification:



Risk Phrases: R38 - Irritating to skin
R41 - Risk of serious damage to eyes.

Safety Phrases: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/39 - Wear suitable protective clothing and eye/face protection.

TSCA Inventory List - This product and/or its components is not listed on TSCA

**California Proposition 65
Carcinogens & Reproductive
Toxicity (CRT) List -** None of the components of this product is listed on CALPROP.

Canada DSL Inventory List -	This product and/or its components is listed on DSL.
Canada NDSL Inventory List -	This product and/or its components is not listed on NDSL.
EU EINECS List -	This product and/or its components is listed on EINECS.
EU ELINCS List -	This product and/or its components is not listed on ELINCS.
Germany VCI Assigned Classification into Water Endangering Classes (WGK) List -	This product and/or its components is not listed on WGK.
Japan Inventory of Existing & New Chemical Substances (ENCS) -	This product and/or its components is listed on ENCS.
Australia Inventory of Chemical Substances (AICS) List -	This product and/or its components is listed on AICS.

16. OTHER INFORMATION

Prepared By: Product Stewardship

Important Note: ISP CHEMICALS INC. (ISP) manufacturers industrial products for use as materials in the production of products by industrial customers. The information herein is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed. ISP usually has only limited information about the products of its customers and their composition, methods of manufacture and use. Accordingly, ISP MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS OR RELIABILITY OF INFORMATION HEREIN EXCEPT THAT SUCH INFORMATION IS, TO THE BEST OF ISP'S KNOWLEDGE AND BELIEF, ACCURATE AS OF THE DATE INDICATED. ISP recommends that customers independently test and evaluate its products and their products and processes in which ISP products are used in order to decide their safety and effectiveness.

END OF MSDS