

All surfactants used in this product comply with the current European Regulations concerning Biodegradability and protection of the environment.

## Product Information

# OPTIC CLEANER

## Spirit Dispenser Cleaner

### Features & Benefits:

- Unperfumed – wont taint drinks
- Excellent grease removal
- Concentrated and highly foaming product
- Mild on hands due to neutral PH
- Use in soft, medium and hard water conditions

### Product Description:

Optic Cleaner is high foaming, unperfumed detergent containing a bactericide. For manual cleaning of spirit measures. Optic cleaner is versatile and can also be used to clean crockery, glassware, kitchen utensils and for general cleaning; recommended for cleaning floors, walls and other hard surfaces.

### Directions and Dilutions:

- **Spirit Measures:** Dilute 1:100 parts warm water (50ml per 5lt). Submerge measures in the solution and leave to soak for at least 1 hour. Heavily soiled measures should be soaked overnight. Drain off solution and rinse each measure thoroughly under running water, operating the measure several times.
- **Crockery, Glassware & Kitchen Utensils:** Dilute 1:1200 parts hand hot water (33ml per 40lt sink). 1x  $\frac{1}{2}$  or 3 capsful per 40lt sink. Scrape off food debris into bin. Wash items thoroughly. Rinse in clean hot water. Allow to air dry.
- **General Cleaning:** Dilute up to 1:1200 parts hand hot water (5ml per 5lt) 1 tbsp per 5lt. Mop or wipe surface.

### Useful Information:

**Product Characteristics:** Clear viscous liquid

**Storage:** Store in original container and protect from extremes of temperature

**Availability:** Available 10 litre boxes

**Composition:** Contains a blend of anionic surfactants, viscosity stabiliser, bactericide and dye.

*For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.*



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# Safety Data Sheet

## 1) IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

**PRODUCT NAME:** OPTIC CLEANER

**CODE:** A164

**DATE UPDATED:** 26/07/10

**SKY CHEMICALS (UK) LTD, 40 BALL STREET  
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## 2) COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM (C9-15) ALKYL ETHOXY SULPHATE		68585-34- 2	5-10 %	Xi; R36, 38
SODIUM DODECYLBENZENES ULPHONATE	246-680-4	25155-30- 0	10-30 %	Xn 22, 36/38
TRICLOSAN	222-182-2	3380-34-5	0-1 %	Xi; R 36/38, 50/53

The full text for all R-phrases are shown in section 16.

**COMPOSITION COMMENTS:** The ingredients are present in non-hazardous concentrations

## 3) HAZARDS IDENTIFICATION

Not classified as hazardous.

## 4) FIRST AID MEASURES

**INHALATION:** Not relevant. Inhalation unlikely.

**INGESTION:** DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

**SKIN:** Wash skin with soap and water.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids.

## 5) FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** This material is not flammable. Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** If involved in fire, may emit noxious fumes.

**PROTECTIVE MEASURES IN FIRE:** Protective clothing and respiratory protection should be worn when tackling fires involving this product.

## 6) ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS DURING SPILL:** No special protective clothing.

**PRECAUTIONS TO PROTECT ENVIRONMENT:** Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

**SPILL CLEANUP METHODS:** Small quantities may be flushed to drains with plenty of water. Larger spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal by approved waste contractor.

## 7) HANDLING AND STORAGE

**USAGE PRECAUTIONS:** No specific usage precautions noted.

**STORAGE PRECAUTIONS:** Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from; Oxidising material.

## 8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

**VENTILATION:** Not applicable.

**RESPIRATORS:** None required.

**PROTECTIVE GLOVES:** No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

**EYE PROTECTION:** None required.

**OTHER PROTECTION:** None required.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Viscous. Liquid.

**COLOUR:** Clear. Amber.

**ODOUR/TASTE:** Unperfumed.

**SOLUBILITY DESCRIPTION:** Soluble in water.

**BOILING POINT (°C):** 100 @ 760mmHg

**MELTING POINT (°C):** 0

**SPECIFIC GRAVITY (Water=1):** 1.030 @ 20 °C

**pH-VALUE, CONC:** 7.50

**FLASH POINT (°C):** Boils without flashing

## 10) STABILITY AND REACTIVITY

**STABILITY:** No particular stability concerns.

## 11) TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Refer to section 3.

**OTHER HEALTH EFFECTS:** Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12) ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:** Not regarded as dangerous for the environment.

**BIO ACCUMULATION:** Completely soluble. No bioaccumulation.

**DEGRADABILITY:** Surfactant is readily broken down by effluent treatment process.

## 13) DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

## 14) TRANSPORT INFORMATION

Not classified for Transport.

## 15) REGULATORY INFORMATION

**RISK PHRASES:** Not classified.

**SAFETY PHRASES:** S-2 Keep out of reach of children.

S-46 If swallowed seek medical advice immediately and show this container label. P-13 Safety data sheet available for professional user on request.

**UK ENVIRONMENTAL LISTINGS:** Control of Pollution (Special Waste) Regulations 1980.

**EC DIRECTIVES:** System of specific information relating to Dangerous Preparations. 91\155. As amended by Directive 93/112/EC and 2001/58/EC.

**STATUTORY INSTRUMENTS:** Chemicals (Hazard Information and Packaging) Regulations. 2002

**APPROVED CODE OF PRACTICE:** The compilation of safety Data Sheets L130.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40.

Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

## 16) OTHER INFORMATION

**INFORMATION SOURCES:** Approved Supply List - HSC.

Material Safety Data Sheet, Misc. manufacturers.

**REVISION COMMENTS:** Revised in accordance with CHIP 2002.

New SDS system. Addition of new safety phrase "P-13 Safety data sheet available request." for a Non Classified product that contains >1% of a

**REVISION DATE:** 26<sup>th</sup> July 2010

**REVISION No. /REPLACES SDS ISSUED:** Issue 1

**SDS No.:** A164

**R-PHRASES (Full Text):** R-22 Harmful if swallowed.

R-36 Irritating to eyes.

R-38 Irritating to skin.

R-36/38 Irritating to eyes and skin.

R-50/53 Very toxic to aquatic organisms, may cause effects in the aquatic environment.