

Safety Data Sheet

Product Name: OSPRASAN CONCENTRATE

Ingredients: Sodium metasilicate, alkylpolyglycoether, sodium EDTA, sodium bicarbonate, didecyldimethylammonium chloride

Product Use: Cleaning, degreasing and sanitising of baths, hydro-massage systems, showering systems, hoists, sinks and other hard surfaces.

HAZARDOUS INGREDIENTS OF PRODUCT

Hazardous ingredients: Didecyldimethylammonium chloride
Approx % concentration: 4.5%
Einices: Yes
TSCA: Yes

TOXICOLOGICAL TEST RESULTS

LD50 oral, rat 4750mg/kg

Skin irritation:

According to OECD404 No skin irritation observed according to guidelines 83 / 467 /EEC
Human Skin Patch Test At dilution of 1:64 (1.5%) no redness or oedema after 24,48, and 72hours.

PHYSICAL PROPERTIES

Physical state:	opaque liquid	surface tension	28.5mN / m
pH of concentrate	12.0	viscosity:	22mPa / s
pH at 1% dilution	10.5	Storage stability	Good
Solubility in water:	Easily soluble	Boiling Point:	104 deg. C
Freezing Point	Equivalent to water		

FIRE AND EXPLOSION HAZARD

Flammability: No
Means of extinction: As required for surrounding fire
Auto ignition temperature Product is not self – lighting
Flashpoint Not applicable
Upper explosion limit: Not applicable
Lower explosion limit: Not applicable

REACTIVITY DATA

Chemical stability:	Yes
Incompatibility to other substances	Yes. Strong oxidising or reduced agents
Conditions of reactivity:	Hazardous polymerisation will not occur
Hazardous decomposition products:	Nitrous oxides, ammoniacal vapor

SAFETY PRECAUTIONS

This product is not classified as an irritant under the regulations for the Control of Substances Hazardous to health (CoSHH). The following measures are therefore precautionary only.

Personal protective equipment:	Rubber gloves when handling concentrate
Eye protection:	Chemical goggles when handling concentrate
Leak and spill procedure:	Contain spill and throw any waste
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Effects of ingestion:	Harmful if swallowed.
Effects on eyes:	Eye Irritant

FIRST AID MEASURES

Skin:	Wash immediately with plenty of soap and water
Eyes:	Flush immediately with plenty of water for several minutes. Seek medical attention if irritation persists
Inhalation:	If irritation is present, remove to fresh air
Ingestion:	If swallowed, seek medical attention immediately. Drink plenty of milk or water. Do not induce vomiting: probable mucosal damage may contraindicate use of gastric lavage. Measure against circulatory shock as well as oxygen may be needed.

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