



## Product Information

# CHLORICIDE PLUS

## Detergent Sanitizer Tablets

- Economic - Easy to use dilution system, use single tablet for dosage.
- Powerful - Greater biocide effect than bleach
- Safe - Reduced risk of personnel injury burns and bleached clothing
- Stable - Can be stored for up to 3 years
- Convenient - Simply add to water and dissolves
- 2 in 1 Operation – Cleans and disinfects in one operation.

### Product Description:

Detergent Sanitizer Tablets are the most suitable replacement for liquid bleach. They are based on a dry chlorine donor sodium dichloroisocyanurate (NaDCC) which is blended with effervescent component before being compressed into tablet form. It is a fast dissolving, highly convenient, safer and more accurate alternative to liquid bleach. NaDCC is well established in the cleaning industry for both janitorial and hospital applications.

### Directions and Dilutions:

Wear rubber gloves. Add to water 1. 7 g tablet gives 1 litre of solution for use. Avoid animal fibre like silk and prolonged contact with Stainless Steel. The rate of chlorine generation is accelerated in acid conditions.

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### Useful Information:

**Product Characteristics:** White Flat Bevelled Tablet

**Storage:** Store container in a dry and cool place

**Availability:** Available in 6tubs in a box with 100 or 200 tabs per tub

**Composition:** Based on a dry chlorine donor, sodium dichloroisocyanurate, blended with effervescent components before being compressed into tablet form.

*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.*

# Technical Data Sheet

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

# Safety Data Sheet

## 1) IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

**Product Name:** Chloricide Plus

**Product code:** SKYCHL3.26 (SP1183)

**Date Updated:** 18/11/2022

**SKY CHEMICALS UK LTD, UNIT 12 SHEFFIELD DESIGN STUDIOS, 40 BALL STREET, SHEFFIELD, S3 8DB**

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## 2) HAZARD IDENTIFICATION

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation

H318 Causes serious eye damage.

H319 Causes serious eye irritation

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH031 Contact with acids liberates toxic gas.

**Most important adverse effects:** Contact with acids liberates toxic gas.

Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS07: Exclamation mark

GHS09: Environmental



## 3) COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	EINECS	CAS	Percent	CLP Classification
Troclosene sodium dihydrate	220-767-7	51580-86-0	50-70%	Ox. Sol. 2: H272 Acute Tox. 4: H302 Eye Irrit. 2: H319 STOT SE 3: H335 Aquatic Chronic 1: H410 Aquatic Acute 1: H400 EUH031
Adipic acid	204-673-3	124-04-9	10-30%	Eye Irrit. 2: H319
Sodium carbonate	207-838-8	497-19-8	1-10%	Eye Irrit. 2: H319
Sodium dodecyl benzene sulphonate	-	25155-30-0	<1%	Acute Tox. 4: H302 Skin Irrit. 2: H315 Eye Irrit. 2: H319

## 4) FIRST AID MEASURES

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

## 5) FIRE FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6) ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Refer to section 9 of SDS for personal protection details. If outside do not

approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7) HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Specific end use(s):** No data available.

## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

**Workplace exposure limits:** No data available

**Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**State:** Tablet

**Colour:** White

**Odour:** Characteristic odour

**Solubility in water:** Soluble

**Boiling point °C:** >35

**Other information:** No data available.

## 10) STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended transport or storage conditions.

**Chemical stability:** Stable under normal conditions.

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids. Water.

**Hazardous decomposition products:** In combustion emits toxic fumes

## 11) TOXICOLOGICAL INFORMATION

### ADIPIC ACID

IVN	MUS	LD50	680	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	>11	gm/kg

### SODIUM CARBONATE

ORL	RAT	LD50	6600	mg/kg
ORL	RBT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

### Relevant hazards for product:

Effect	Route	Basis
Acute toxicity (harmful)	ING	Hazardous: calculated
Irritation	OPT INH	Hazardous: calculated

## 12) ECOLOGICAL INFORMATION

**Ecotoxicity values:** No data available.

**Persistence and degradability:** Not biodegradable.

**Bio accumulative potential:** Bioaccumulation potential.

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

# Safety Data Sheet

## 13) DISPOSAL CONSIDERATIONS

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14) TRANSPORT INFORMATION

**UN number:** UN3077

**UN proper shipping name:** environmentally hazardous substance, solid, N.O.S.

**Transport hazard class(es):** 9

**Packing group:** III

**Environmentally hazardous:** Yes

**Marine pollutant:** No

**Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## 15) REGULATORY INFORMATION

**Specific Regulations:** Not applicable.

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## 16) OTHER INFORMATION

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.