



SAFETY DATA SHEET

3.25G (1.7NaDCC) DST CHEMTAB PLUS POTS

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

PRODUCT NAME 3.25G (1.7NaDCC) DST CHEMTAB PLUS POTS
 SYNONYMS, TRADE NAMES CHEMTAB PLUS
 APPLICATION Disinfectant
 SUPPLIER Chemaide
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2 HAZARDS IDENTIFICATION

Harmful if swallowed. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Contact with acids liberates toxic gas.

CLASSIFICATION Xn;R22. Xi;R36/37. N;R50/53. R31.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|---|-----------|-----------|---------|------------------------------------|
| ADIPIC ACID | 204-673-3 | 124-04-9 | 10-30% | Xi;R36 |
| TOLUENESULPHONIC ACID -para <= 5% H2SO4 | 203-180-0 | 104-15-4 | 5-10% | Xi;R36/37/38 |
| TROCLOSENE SODIUM | 220-767-7 | 2893-78-9 | 30-60% | O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Skin irritation is not anticipated when used normally. In the event of irritation: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Fire can be extinguished using: Water spray, dry powder or carbon dioxide. Do not use dry fire extinguishers containing ammonium compounds.

SPECIAL FIRE FIGHTING PROCEDURES

NOTE! Use air-supplied respirators to protect against gases/fumes. Dike and collect extinguishing water.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases. Decomposes above 250 oC with release of chlorine and other toxic fumes.

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SPECIFIC HAZARDS

By fire, toxic gases may be formed (CO_x, NO_x). Fire or high temperatures create: Very toxic gases/vapours/fumes of Chlorine. Hydrogen chloride (HCl). Hydrogen cyanide (HCN).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Use protective gloves, goggles and suitable protective clothing. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

ENVIRONMENTAL PRECAUTIONS

Not relevant considering the small amounts used. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

Collect in containers and seal securely. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Avoid generation and spreading of dust. Flush with plenty of water to clean spillage area. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not close drums containing wet or damp material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not handle broken packages without protective equipment. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide good ventilation. Container must be kept tightly closed. Protect against direct sunlight. Follow instructions and ensure correct dilution of this product before use.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

ENVIRONMENTAL EXPOSURE CONTROLS

Do not allow undiluted product to enter drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

White flat bevelled tablet

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| | | | |
|----------------------------|--------------------------|---------------------------|----------|
| ODOUR | Characteristic Chlorine. | | |
| SOLUBILITY | Soluble in water. | | |
| pH-VALUE, DILUTED SOLUTION | 4-6 approx 1 | DECOMPOSITION TEMPERATURE | 240 (°C) |

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances. Avoid exposure to high temperatures or direct sunlight. Avoid contact with strong reducing agents.

MATERIALS TO AVOID

Flammable/combustible material. Organic materials, oils, grease, sawdust, reducing agents, nitrogen-containing compounds, oxidizing substances, acids and alkalis, damp or slightly wet conditions (NaDCC may generate nitrogen trichloride which is explosive).

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Hydrogen chloride (HCl). Hydrogen cyanide (HCN). By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 992 mg/kg (oral-mouse)

TOXICOLOGICAL INFORMATION

Toxicological information for the active ingredient NaDCC

INHALATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

Irritating to eyes.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

EC 50, 48 Hrs, DAPHNIA, mg/l < 1 mg NaDCC

DEGRADABILITY

The product is expected to be biodegradable.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

| | | | |
|----------------------|--|-------------------------|---|
| UK ROAD CLASS | 9 | | |
| PROPER SHIPPING NAME | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(TROCLOSENE SODIUM) | | |
| ROAD TRANSPORT NOTES | Product transported in Limited Quantities. Product may be transported by road in a multimodal journey without any marking or labelling (UN3077) under the terms of the section 1.5.1 of ADR (Multilateral Special Agreement M185) from and/ or to the signatories countries of this agreement. | | |
| AIR TRANSPORT NOTES | Not Classified. | | |
| UN NO. ROAD | 3077 | UK ROAD PACK GR. | III |
| ADR CLASS NO. | 9 | ADR CLASS | Class 9: Miscellaneous dangerous substances and articles. |
| ADR PACK GROUP | III | TUNNEL RESTRICTION CODE | (E) |
| HAZARD No. (ADR) | 90 | ADR LABEL NO. | 9 |
| HAZCHEM CODE | 2Z | CEFIC TEC(R) NO. | 90GM7-III |

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| | | | |
|---------------|------|----------------|----------|
| RID CLASS NO. | 9 | RID PACK GROUP | III |
| UN NO. SEA | 3077 | IMDG CLASS | 9 |
| IMDG PACK GR. | III | EMS | F-A, S-F |

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS

TROCLOSENE SODIUM

RISK PHRASES

| | |
|--------|--|
| R22 | Harmful if swallowed. |
| R31 | Contact with acids liberates toxic gas. |
| R36/37 | Irritating to eyes and respiratory system. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

SAFETY PHRASES

| | |
|-----|---|
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S41 | In case of fire and/or explosion do not breathe fumes. |
| S51 | Use only in well-ventilated areas. |
| S60 | This material and its container must be disposed of as hazardous waste. |
| P6 | Warning! Do not use together with other products. May release dangerous gases (chlorine). |
| S2 | Keep out of the reach of children |
| S8 | Keep container dry. |

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

DETERGENT REGULATIONS: 3.25g DST contains amongst other ingredients: Less than 5%: Anionic surfactant, phosphate; 30% and more : Chlorine based bleaching agents; Ingredient datasheet as stipulated in Annex VII C Regulation(EC) No 648/2004 on detergent is available from the contact given in section 1 to any medical personnel upon request.

16 OTHER INFORMATION

GENERAL INFORMATION

Troclosene sodium synonyms: NaDCC, sodium dichloroisocyanurate, 1-Sodium-3, 5 -dichloro-1, 3, 5-triazine-2, 4, 6-trione

| | |
|------------------------------|------------|
| REVISION DATE | 06/03/2009 |
| REV. NO./REPL. SDS GENERATED | 1 |
| SDS NO. | 10351 |

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RISK PHRASES IN FULL

| | |
|-----------|--|
| | Caution - this preparation contains a substance not yet fully tested. |
| R22 | Harmful if swallowed. |
| R31 | Contact with acids liberates toxic gas. |
| R36 | Irritating to eyes. |
| R36/37 | Irritating to eyes and respiratory system. |
| R36/37/38 | Irritating to eyes, respiratory system and skin. |
| R41 | Risk of serious damage to eyes. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R8 | Contact with combustible material may cause fire. |

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.