



# STV-55

**Disinfects and Deodorises in One Operation**

**STV-55 is an industrial hypochlorite  
Sterilizer which contains a very effective bactericide and algacide  
Effective at very economical use concentrations**

## CONCENTRATED PRODUCT

Powerful stabilised hypochlorite solution, containing a minimum of 55% available chlorine (550,000 ppm), it is highly effective in killing germs and bacteria whilst destroying odours from decomposing organic matter and food debris.

## MULTI USES

STV-55 finds many applications in the food industry where its anti-bacterial properties are used to ensure effective maintenance of hygiene standards.

## WHERE TO USE

### Disinfecting & Deodorising

Vegetables, offal, food production areas, sausage skins, drains, and refuse areas.

### Controls Growth of Algae and bacteria

In static water systems and to condition the water in industrial processors and swimming pools.

## DILUTION RATES

For general use, such as cleaning floors and walls, dilute with 1:900 - 1,800 with water.

For heavy duty such as disinfecting drains and sinks, dilute with up to 450 parts water.

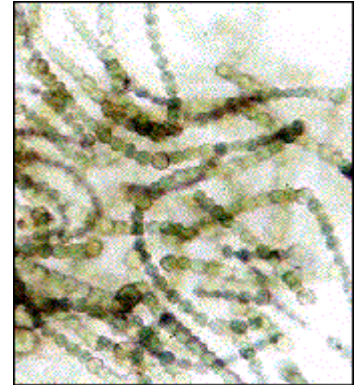
For treating static water systems dose at 120 ppm STV-55.

For sterilising vegetables and offal, dose at 100 ppm available chlorine, renew solution when strength falls below 60 ppm available chlorine.

Hypochlorite solutions react rapidly and have a very short bath life, therefore always prepare fresh solutions for each operation.

## DIRECTIONS FOR USE

Apply by mop, swab, low pressure non-misting spray or soaking techniques.



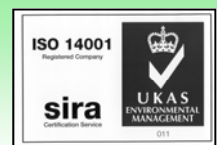
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## Material Safety Data Sheet

All the information on this sheet relates to the concentrated product only, in use dilution will decrease any possible hazard significantly.

### Supplier

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<b>1. IDENTIFICATION</b>	STV-55
<b>2. HAZARDS IDENTIFICATION</b>	<b>Harmful.</b> On contact with moisture, readily decomposes to Chlorine, Hypochlorous Acid and Cyanuric Acid HEALTH EFFECTS OF TABLET SKIN: Irritation and burning (NOT RESULTANT SOLUTION): EYES: Irritation and burning INGESTION: Harmful if swallowed. Nausea, headache, vomiting and upper abdominal pain INHALATION: May be irritant to mucous membrane OCCUPATIONAL EXPOSURE LIMITS (EH40/93) Long Term Exposure Limit to Chlorine – (8 hours TWA) 0.5ppm 1.5MGM-3 Short Term Exposure Limit to Chlorine – (10 minutes) 1ppm 3mgm-3
<b>3. COMPOSITION</b>	Sodium Dichloroisocyanurate Anhydrous (NaDCC) 55% w/w. 1,3,5 – Triazine – 2,4,6 (1H, 3H, 5H) – Trione 1,3 – Dichloro, Sodium Salt <b>Synonym:</b> Sodium Dichloro-1,3,5 –Triazinetrione anhydrous. Sodium Dichloro-S-Triazine-2,4,6 (1H,3H,5H)-Trione, Sodium Troclosene <b>CHEMICAL FAMILY</b> Chlorinated S-Triazine Triones <b>FORMULA</b> C <sub>3</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>3</sub> Na <b>CAS</b> 2893-78-9 <b>EINECS</b> 220-767-7
<b>4. FIRST AID MEASURES</b>	EYES Immediately flush with plenty of clean water for at least 15 minutes. If irritation persists, seek medical attention SKIN Promptly wash with soap and water while removing any contaminated clothing (wash clothing before re-use) INHALATION Immediately rinse mouth, then drink plenty of water or milk. Do not induce vomiting. Seek medical attention INGESTION Move to fresh air. If irritation persists, seek medical attention
<b>5. FIRE HAZARD &amp; FIRE FIGHTING PROCEDURES</b>	<b>SPECIAL FIRE OR EXPLOSION HAZARDS:</b> Product is not flammable itself, but contact with combustible material may cause fire. Product combustible if dehydrated by drying. Decomposes above 250°C with release of Chlorine and other toxic fumes. A thermal decomposition can be extinguished by flooding with copious amounts of water or by isolating the decomposing material in open air and allowing it to be consumed. Use self-contained breathing apparatus and goggles. Do not approach from the leeward (downwind). <b>EXTINGUISHING MEDIA:</b> Pressurised water or dry powder. <b>DO NOT USE:</b> dry fire extinguishers containing Ammonium compounds. <b>FIRE FIGHTING:</b> Remove the product if it safe to do so, before using water for fire fighting in order to minimize the hazards from release of toxic fumes. It will often be safer to let the fire burn itself out. Where it is decided to fight the fire with water, large quantities <b>must</b> be used. If sufficient water is used there may be an explosion hazard associated with hot damp material.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	<b>(See section 8 for personal protection)</b> Any spillages should be cleaned up as soon as possible to prevent contamination with foreign materials with which it may react. (See section 10). Handle spillage carefully. Do not return spilled material to original container. Where possible and suitable, use material as originally intended. Wash away any residues with copious amounts of water. Avoid breathing fumes. Wash away residues with copious amount of water. Cover with sand or earth. Pick up and hold for waste disposal. Wash away residues with copious amounts of water.
<b>7. HANDLING AND STORAGE</b>	<b>STORAGE:</b> Store away from all incompatibles & combustibles (See 10) in cool, dry, well ventilated place. Moisture sensitive. Avoid high humidity levels. Do not allow water to get into container. Keep container tightly closed and away from fire, heat, flame and direct sunlight. Keep out of reach of children. Never store or damp contaminated material. <b>HANDLING:</b> Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. See section 8. Do not eat, drink or smoke when handling this material.
<b>8. EXPOSURE CONTROLS AND PERSONAL PROTECTION</b>	<b>RESPIRATORY PROTECTION</b> Control airborne dust (e.g. from handling large quantities) with ventilation or wear an approved respirator <b>VENTILATION</b> Ensure adequate ventilation. Use local exhaust ventilation when handling large quantities <b>EYE PROTECTION</b> Wash eyes with clean water. Wear goggles where there is potential for eye contact <b>SKIN PROTECTION</b> After any skin contact wash immediately & thoroughly with soap and water. Remove and wash contaminated clothing and clean up equipment before re-use. Wear Rubber/PVC gloves if appropriate
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	<b>PHYSICAL STATE</b> Powder <b>COLOUR</b> White <b>pH AS IS</b> Not applicable <b>pH in SOLUTION</b> 5.0-6.0 approx <b>ODOUR</b> Characteristic chlorine odour <b>SOLUBILITY</b> Freely water Soluble <b>OXIDISING PROPERTIES</b> Non oxidising
<b>10. STABILITY &amp; REACTIVITY DATA</b>	<b>CONDITIONS TO AVOID</b> Do not store on or near heat sources or naked flame. Avoid moisture. Decomposes at temperatures above 240°C liberating toxic gases. <b>MATERIALS TO AVOID</b> Contact with water liberates chlorine and with nitrogen compounds may cause explosion. Avoid organic materials, oils, grease, sawdust, reducing agents, nitrogen contained compounds, calcium hypochlorite, other oxidisers, acids, alkalis, cationic and certain non-ionic surfactants.
<b>11. TOXICOLOGICAL INFORMATION</b>	<b>ROUTE OF ENTRY:</b> Inhalation, skin contact and ingestion. <b>INHALATION:</b> Irritating to nose, mouth, throat and lung. <b>INGESTION:</b> can cause irritation/burns to gastrointestinal tract. <b>SKIN AND EYE CONTACT:</b> can cause severe irritation and/or burns, characterised by redness, swelling and scan formation. May cause impairment of vision and corneal damage.
<b>TOXICOLOGICAL DATA:</b>	Acute toxicity Oral LD50(Rat)-ca. 1825mg/Kg Eye irritation (Rabbit) – Severe irritant Rabbit dermal LD50->20,000mg/Kg Carcinogenicity – Product not considered to be carcinogenic by any reference source
<b>12. ECOLOGICAL INFORMATION</b>	Toxic to fish. Do not discharge into lakes, ponds, stream or public water unless in accordance with the permit of official regulations
<b>13. DISPOSAL CONSIDERATION</b>	Refer to section 6, then:- as per rules of local authority. If material is dry, incineration is recommended
<b>14. TRANSPORTATION INFORMATION</b>	Keep container strictly dry. Keep away from FIRE, HEAT, FLAME & DIRECT SUNLIGHT. Keep away from incompatible materials listed in section 10. Keep out of reach of children. Not applicable:- UN No. Packing Group, ADR,RID or ICAO/IATA
<b>15. REGULATORY INFORMATION</b>	<b>LABELLING INFORMATION</b>  <b>RISK PHRASES</b> R8 Contact with combustible material may cause fire R22 Harmful if swallowed R31 Contact with acids liberates toxic gas R36/37 Irritating to eyes and respiratory system  <b>SAFETY PHRASES</b> S8 Keep container dry S41 In case of fire and/or explosion do not breathe fumes  <b>HAZARD SYMBOL</b> Harmful Dangerous for the environment
<b>16. OTHER INFORMATION</b>	1st September 2007

The information contained in this document is provided in accordance with the requirements of Chemicals (Hazard Information & Packing) Regulations. The product should not be used for any purpose other than as stated on the label without obtaining specific written instructions directly from the supplier's Head Office. As specific conditions of use are outside the supplier's control the user is responsible for ensuring the requirements of relevant legislation are complied with. The user assumes all liability for damage or injury caused from abnormal use, failure to follow recommended practices & any hazard inherent in the nature of the product.