



MATERIAL SAFETY DATA SHEET

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1. BASIC INFORMATION

Product shipping name : **K-TAB**

Chemical name & Synonyms : Sanitizer for salads and vegetables

Product description : Chlorine based sanitising tablet for the sanitisation of salads and vegetables. It can also be used for sanitising food preparation surfaces and equipment.

Manufacturer's name & address : Schevaran Laboratories Pvt. Ltd.
427/B, Hebbal Industrial Area,
Mysore- 570 016.
India.

Emergency contact number : 91-0821-2417455 /
4277505/9741103308

2. COMPOSITION INFORMATION ON INGREDIENTS:

Tablet shaped product consisting of non-dangerous ingredients and the substances listed below.

K-TAB, sanitizer for salads and vegetables

Hazardous ingredients:

Troclosene sodium, dihydrate CAS # 51580-86-0 EINECS: 220-76-7	XnR22; Xi R36/37; NR 50/53 R31	≥30%	
Additional information: Full text of the relevant risk phrases is given in section 16.			

3. PHYSICAL & CHEMICAL PROPERTIES

Appearance : White tablets.

Odour : Chlorine-like

pH value : $6 < \text{pH} (1\%) \leq 6.5$

Boiling point (F) : Not determined

Oxidising properties: After prolonged exposure above 40°C. the product could decompose and release excessive heat

Vapour pressure : Not applicable

Density : Not determined

Settled apparent density at 20°C : 1000 kg/ m³

Solubility with water at 25°C : 250g/ L soluble

4. FIRST AID MEASURES

General information: Symptoms of poisoning may even occur after several hours. Therefore medical observation for at least 48 hours after the incident is required.

INGESTION: Remove material from mouth. Drink one or two glasses of water or milk and obtain medical attention without delay.

SKIN CONTACT: No special measures required.

INHALATION: Remove from source of exposure. Obtain medical attention if symptoms develop.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTES TO PHYSICIAN: None.

5. STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Thermal decomposition/ Condition to be avoided: Keep at temperature not exceeding 40°C

After prolonged exposure above 40°C, the product could decompose and release excess of heat.

Possibility of hazardous reaction: Reacts with acids, releasing chlorine

Conditions to avoid: No further information available.

6. ECOLOGICAL INFORMATION

Aquatic toxicity: Based on the environmental classification the toxicity for aquatic organisms is estimated to be $\leq 1\text{mg/l}$

Biodegradability: No further information available

General notes: Must not reach sewage water or drainage ditch undiluted or un neutralized. The information in this section refers to the undiluted product.

7. HAZARD INFORMATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed.

SKIN CONTACT: irritation with prolonged contact.

INHALATION: None in normal use.

EYE CONTACT: Irritating to eyes and respiratory system

8. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LD 50 (oral): Based on the toxicological classification LD 50 (oral) is estimated to be 200 – 2000 mg/kg

Primary irritant effect:

Skin contact: Unlikely to be irritant in normal use.

Eye contact: Causes irritation

K-TAB, sanitizer for salads and vegetables

Inhalation: Causes irritation and may cause bronchospasm in chlorine sensitive individuals.

Ingestion: Causes irritation and harmful.

9. FIRE & EXPLOSION HAZARD DATA

SUITABLE EXTINGUISHING MEDIA: Flood with water

FIRE FIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

10. ACCIDENTAL RELEASE MEASURES:

ENVIRONMENTAL PRECAUTIONS: Inform responsible authorities in case product reaches water or sewage system.

Do not allow to enter the ground or soil.

METHODS FOR CLEANING UP: Ensure adequate ventilation.

11. HANDLING AND STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Ensure good ventilation/exhaustion at the work place. Prevent formation of dust. Prevent formation of aerosols

Storage: Do not store together with acids. According to local legislation

Protect from heat and direct sun light. Keep container tightly sealed. Store under dry conditions.

Keep at temperature not exceeding 40°C

12. EXPOSURE CONTROLS & PERSONAL PROTECTION

Eye protection	:	Goggles
Skin protection	:	In normal use hand protection is not required
Ventilation recommended	:	No
Respiratory protection	:	Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

13. CAUTION

Keep container tightly closed. Store in cool and dry place. Avoid spillage on the floor. Do not inhale, avoid eye contact. Do not swallow.

14. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Dispose waste according to local, state and country's regulations.

15. TRANSPORT INFORMATION

Please refer to the Bill of Lading / Receiving documents for up to date shipping information.

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

Relevant 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.

END OF MSDS

Schevaran Laboratories Pvt Ltd

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