



PRODUCT DATA SHEET

PRODUCT: TRAYKLEEN

Company Details

Name: MANCHEM (PTY) LTD	Emergency Tel. No. +27 82 775 6587 (after hours)
Address: Lot 8, Postmasters Park Umlaas Road KwaZulu Natal South Africa 3730	Postal Address: P.O. Box 8 Umlaas Road KwaZulu Natal South Africa 3730
Tel. No. +27 31 785 2058	E-mail Address: admin@manchem.co.za

LOW FOAMING CHLORINATED ALKALINE CLEANER

SANS 10234:2008 AND SANS 11014:2010

AREA OF APPLICATION:

TRAYKLEEN is a chlorinated caustic cleaner and may be used in all food industries including dairies, abattoirs, beverage plants, food processing plants and hatcheries.

TRAYKLEEN efficiently removes fats, oils, proteins and other related soils.

BENEFITS:

- TRAYKLEEN, being a liquid, is:
- Easy to dispense or dose.
- Economical to use at recommended concentrations.
- Effective in hard or soft water
- Enhances protein peptizing
- Easily removes protein scale.

MODE OF ACTION

In chlorinated alkaline cleaners, the chlorine does not only serve as a sanitizing agent, but more as a peptizing agent for protein soils. The proteins form the link between the mineral deposits and the fatty particles. Under alkaline conditions, the caustic soda denatures the proteins therefore breaking the links between the mineral deposits and the fat particles. This denaturing action is greatly enhanced in the presence of chlorine. This breakdown of proteins then enables the caustic soda to remove the fat particles by saponification action.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Clear, amber
Odour	:	Chlorine-like
S.G	:	1.16 – 1.18



PRODUCT DATA SHEET

PRODUCT: TRAYKLEEN

ENVIRONMENTAL IMPACT

Very toxic to aquatic life with long lasting effects. Avoid release to the environment. Do not allow into sewer systems. Collect spillage. Dispose of contents and container to a licensed hazardous waste disposal contractor according to local legislation.

RECOMMENDED METHOD OF APPLICATION:

TRAYKLEEN can be diluted 10mls per litre (1%) with water.
TRAYKLEEN can be applied simply by hand with the aid of a crate washer at 1% dilution.
TRAYKLEEN can be applied using a brush, high pressure cleaner or automatic crate washer.

PREPARATION TABLE - APPLICATION RATE AT 300mls / m²:

Dilution:	Preparation:
1:100	10ml product in 1 litre of water; 2 litres in 200 litres of water
1:200	5ml product in 1 litre of water; 1 litre in 200 litres of water
1:500	2ml product in 1 litre of water; 400ml in 200 litres of water

SAFETY PRECAUTIONS AND FIRST AID:

FIRST AID		
IF IN EYES	-Hold eye open and rinse slowly and gently with water for 15-20 Minutes.	-Remove contact lenses, if still present after 5 minutes then continue rinsing. - Call a doctor for treatment advice
IF ON SKIN	-Take off contaminated clothing -Rinse skin immediately with plenty of water for 15 – 20 minutes	-Call a doctor for treatment advice
IF SWALLOWED	-Call a doctor immediately for treatment advice. -Have person sip water if able to swallow -Rinse mouth with water	-Do not induce vomiting unless told to do so by the doctor. -Do not give anything to an unconscious person.
IF INHALED	-Move person to fresh air -If person is not breathing, Call an ambulance, then give artificial respiration, preferably mouth-to mouth if possible	-Call a doctor for treatment advice.
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. Have product container or label with you when calling the doctor or going for medical treatment.		

PACKAGING:

TRAYKLEEN is packed in 25 litre UN approved, non-removable head, HDPE plastic jerry cans, square 1200 – 1300g fitted with screw cap and rubber gasket (torque 20Nm). The packaging meets Packing Group II and III tests. Each drum can handle any product with a specific gravity less than 1.8 and allow an internal test pressure of 100kPa.



PRODUCT DATA SHEET

PRODUCT: TRAYKLEEN

STORAGE:

Store in a tightly closed container in a well – ventilated chemical storage facility between 10 C AND 25 C, away from sensitive environs, foodstuffs and children. Keep under lock and key.

Keep out of direct sunlight. Prolonged exposure to high temperatures will have a detrimental effect on the product. Shelf - life 24 months from date of manufacture.

