



SAFETY DATA SHEET

From Cleenol Group Limited

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Certificate No. 316



Certificate No. E3539

CLEENOL SANITIZING BLEACH TABLETS

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name CLEENOL SANITIZING BLEACH TABLETS
Part No and Pack Size 062534/6 (x180)
Safety Data Sheet No F2
Supplier CLEENOL GROUP LIMITED
 Neville House, Beaumont Road, Banbury, Oxon OX16 1RB
Main and Emergency Tel No. 01295 251721 (9.00 a.m. – 5.00 p.m. Mon - Fri)

2. HAZARD IDENTIFICATION

HARMFUL / DANGEROUS FOR THE ENVIRONMENT

Please note, the hazard classifications below refer to the neat tablet. The dilutions are not classified.

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

Classification (1999/45) Xn;R22 Xi; R36/37 N50/53 R31

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	EINECS	CAS NUMBER	SYMBOL	RISK NUMBER	CONTENTS
TROCLOSENE SODIUM	220-767-7	2893-78-9	E, 0, Xn, Xi, N	R2, R8, R22, R31, R36/37, R50/R53	30-60%
ADIPIC ACID	204-673-3	124-04-9	Xi	R36	10-30%
SODIUM CARBONATE	207-838-8	497-19-8	Xi	R36	1-5%

The full text for all R-phrases is shown in Section 16.

4. FIRST AID MEASURES

EYES Make sure to remove any contact lenses from the eyes before rinsing. Wash out eyes immediately with plenty of cold water whilst lifting the eyelids. Continue to rinse for at least 15 minutes. If irritation persists, seek prompt medical attention.

SKIN skin irritation is not anticipated when used normally. In the event of irritation, wash skin thoroughly with soap and water. Wash any contaminated clothing well before re-use. Get medical attention if irritation persists after washing.

INGESTION Do not induce vomiting. Never make an unconscious person vomit or drink fluids. Immediately rinse mouth and then drink plenty of water. Seek immediate medical attention. Provide rest, warmth and fresh air.

INHALATION Remove to fresh air at once. If irritation persists, seek medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

In all cases, if symptoms persist, seek medical advice and show this information sheet.

Note for Medical Practitioners : This information is registered with the National Poisons Information Service.

CLEENOL SANITIZING BLEACH TABLETS

5. FIRE FIGHTING MEASURES

FIRE OR EXPLOSION HAZARDS	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.
EXTINGUISHING MEDIA	Use water spray, dry powder or carbon dioxide. 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.
PROTECTIVE MEASURES IN FIRE	<i>Do not</i> breathe fumes in fire situation. Use self-contained breathing apparatus and goggles. Do not approach fire from leeward.
OTHER RECOMMENDATIONS	Remove the product if it is safe to do so before using water for fire fighting in order to minimise 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 must be used. If insufficient water is used there may be an explosion hazard associated with hot damp material.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin, eyes and clothing. Avoid breathing dust. Extinguish all ignition sources.
SPILL CLEAN UP METHODS	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. If tablets are dry and uncontaminated , collect up into heavy duty plastic bag. Where possible and suitable, use material as originally intended. Wash away any residues with copious amounts of water. If tablets are contaminated , they should be transferred to waste ground, spread thinly and covered with a thin layer of earth. A smell of chlorine will be noted until the material has degraded. Keep people, vehicles and animals away from disposal area. If tablets become damp they will effervesce, evolving carbon dioxide and may decompose to give off chlorine fumes. Transfer spillage to unsealed plastic bags avoiding any large masses of material within the bags and remove to waste ground for immediate treatment / disposal as above. Avoid breathing fumes. Wash away residues with copious amounts of water.
PROTECTION OF ENVIRONMENT	Large spills or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS	Avoid contact with skin, eyes and clothing. Avoid breathing dust. Do not eat, drink or smoke when handling this product. When handling large quantities of tablets, wear chemical resistant gloves and safety goggles. Wash thoroughly after handling.
STORAGE PRECAUTIONS	Store away from all incompatibles and combustibles (see Section 10). Store in cool, dry, well ventilated area. Moisture sensitive. Avoid high humidity levels. Keep the container tightly closed. Keep out of reach of children. Keep away from heat, flame and direct sunlight. Never store damp or contaminated material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION	Use local exhaust ventilation where appropriate
RESPIRATORS	Where any dust in the breathing zone cannot be controlled with ventilation, wear an officially approved respirator for protection against airborne dust.
PROTECTIVE GLOVES	When handling large quantities of tablets, wear chemical resistant gloves
EYE PROTECTION	When handling large quantities of tablets, wear safety goggles



CLEENOL SANITIZING BLEACH TABLETS**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	White flat bevelled tablet
ODOUR	Characteristic chlorine odour
SOLUBILITY IN WATER	Soluble
FLASH POINT	N/A
MELTING POINT	N/A

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
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).
CONDITIONS TO AVOID	Avoid contact with acids and oxidising substances. Avoid exposure to high temperatures or direct sunlight. Avoid contact with strong reducing agents.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	Toxicological information of the active ingredient troclosene sodium
EYE CONTACT	Irritating to eyes.
SKIN CONTACT	Skin irritation is not anticipated when used normally.
INGESTION	Harmful if swallowed.
INHALATION	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS	NaDCC is highly toxic to fish. Do not allow to enter surface waterways. In the event of a spillage, contact the local water authority or Environment Agency immediately.
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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Dispose of via reputable contractor and in accordance with local authority regulations. If material is dry, incineration is recommended.
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14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, NOS (TROCLOSENE SODIUM)
ROAD TRANSPORT NOTES	Product transported in Limited Quantities
UN No	3077
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
UN NO SEA / AIR	3077
EMS	F-A, S-F

CLEENOL SANITIZING BLEACH TABLETS**15. REGULATORY INFORMATION****Harmful****Dangerous for
the environment****LABEL FOR SUPPLY***(Please note - diluted form is not classified)*

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	S2	Keep out of reach of children
	S46	If swallowed, seek medical advice immediately and show this container or label
	S56	Dispose of this material and its container to hazardous or special waste collection point.
	P6	Warning! Do not use together with other products. May release dangerous gases (chlorine).
PRECAUTIONARY PHRASES	Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – no smoking.	
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations	

16. OTHER INFORMATION

RISK PHRASES - FULL TEXT	R2	Risk of explosion by shock, friction, fire or other sources of ignition
	R8	Contact with combustible material may cause fire
	R22	Harmful if swallowed
	R31	Contact with acids liberates toxic gas
	R36	Irritating to eyes
	R37	Irritating to respiratory system
	R50	Very toxic to aquatic organisms
	R53	May cause long-term adverse effects in the aquatic environment.
INFORMATION SOURCES	Approved Supply List - HSC Material Safety Data Sheet - Misc. manufacturers	
REVISION COMMENTS	Revised in accordance with Chemical (Hazard Information and Packaging) Regulations	
REVISION DATE	8 th July 2011 – Revision No 7	

This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

All Cleenol containers are recyclable and we would be pleased to provide relevant information about individual packs, and recycling agencies.

Information contained in this Safety Data Sheet is accurate to the best knowledge of Cleenol Group Ltd.

Reviewed by the Technical Director : 8th July 2011

Because of our continuing desire to incorporate technical improvements and innovations, and in view of the possibility of the occasional need to substitute certain materials, Cleenol reserve the right to alter specifications without notice.

Unless otherwise stated, it is recommended that this product is used within 12 months of purchase.