



## MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION		
TRADE NAME :	THICK TOILET CLEANER	CHEMICAL ABSTRACT No :
CHEMICAL FAMILY :	DETERGENT	NOISH No :
CHEMICAL NAME :	SODIUM HYPOCHLORITE	HAZCHEM CODE: 6iii
SYNONYMS :	SIN No : 2369	
2. COMPOSITION		
HAZARDOUS COMPONENTS :	SODIUM HYPOCHLORITE, SLES 25%	
EEC CLASSIFICATION :		
R PHRASES :	R22 R31 R34 R36 R38	
S PHRASES :	(S1/2) S26 S28 S45 S50	
3. HAZARDOUS IDENTIFICATION		
MAIN HAZARD :	CHLORINE	
FLAMMABILITY :	NON-FLAMMABLE	
CHEMICAL HAZARD :	CHLORINE GAS	
BIOLOGICAL HAZARD :	NONE	
REPRODUCTIVE HAZARD :	NONE	
EYE EFFECTS :	WILL BURN EYES	
HEALTH EFFECTS :	WIL BURN UNPROTECTED SKIN WHEN UNDILUTED	
INGESTION EFFECTS :	IRRITATION OF MOUTH, THROAT AND DIGESTIVE TRACT	
INHALATION EFFECTS :	MAY CAUSE IRRITANT TO NOSE, THROAT AND RESPIRATORY TRACT	
CARCINOGENICITY :	NONE	
MUTAGENICITY :	NONE	
NEUROTOXICITY :	NONE	
4. FIRST AID MEASURES		
PRODUCT IN EYES :	FLUSH WITH WATER FOR 15 MINUTES.URGENTLY SEEK MEDICAL ATTENTION	
PRODUCT ON SKIN :	REMOVE ALL CONTAMINATED CLOTHING RINSE WITH WATER FOR 15 MINUTES	
PRODUCT INGESTED :	IMMEDIATELY FLUSH MOUTH WITH WATER AND SEEK MEDICAL ADVICE	
PRODUCT INHALED :	REMOVE VICTIM FROM EXPOSURE	
5. FIRE FIGHTING MEASURES		
EXTINGUISHING MEDIA :	USE DRY CHEMICAL, FOAM	
SPECIAL HAZARDS :	MAY PRODUCE CHLORINE GAS	
PROTECTIVE CLOTHING :	BREATHING APPARATUS (REQUIRED FOR FIRE FIGHTING) GOGGLES, GLOVES AND OVERALLS	
6. ACCIDENTAL RELEASE MEASURES		
	PRODUCT WILL DAMAGE CLOTHING	
PERSONAL PRECAUTIONS :		
ENVIRONMENTAL PRECAUTIONS :	PRODUCT MAY CAUSE CHLORINE GAS	
SMALL SPILLS : WASH AWAY WITH LARGE	WASH AWAY WITH LARGE QUANTITIES OF WATER	
LARGE SPILLS	WASH AWAY WITH LARGE QUANTITIES OF WATER	
7. HANDLING & STORAGE		

SUITABLE MATERIAL :	HIGH DENSITY POLYETHYLENE CONTAINERS
HANDLING / STORAGE ::	COOL, WELL VENTILATED AREA WITH OTHER DETERGENTS. KEEP CONTAINERS TIGHTLY CLOSED
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
OCCUPATIONAL EXPOSURE LIMITS :	MIST MAY CAUSE IRRITATION OF THROAT, EYES & SKIN
ENGINEERING CONTROL MEASURES :	NONE
PERSONAL PROTECTION :	PVC/RUBBER GLOVES & CHEMICAL FACE SHIELD/ GOGGLES & MASK
OTHER PROTECTION :	NONE
<b>9. PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
APPEARANCE :	THICK PALE YELLOW LIQUID
ODOUR :	CHLORINE
Ph :	6-8 / 5%
BOILING POINT :	>100
MELTING POINT :	N / A
FLASH POINT :	NONE
FLAMMABILITY :	NON FLAMMABLE
AUTO-FLAMMABILITY :	NONE
EXPLOSIVE PROPERTIES :	NONE
OXIDIZING PROPERTIES :	NONE
VAPOUR PRESSURE :	N / A
DENSITY :	1.13
SOLUBILITY – WATER :	HIGHLY SOLUBLE
SOLUBILITY – SOLVENT :	NON SOLUBLE
SOLUBILITY – COEFFICIENT :	CO-EFFICIENT
<b>10. STABILITY AND REACTIVITY</b>	
CONDITIONS TO AVOID :	HEAT, FLAMES, IGNITION SOURCES
INCOMPATIBLE MATERIALS :	ANY ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS :	CHLORINE
<b>11. TOXICOLOGICAL INFORMATION</b>	
ACUTE TOXICITY :	NO SPECIFIC DATA AVAILABLE
CHRONIC TOXICITY :	NO SPECIFIC DATA AVAILABLE
CARCINOGENICITY :	NON CARCINOGENIC
MUTAGENICITY :	NONE
NEUROTOXICITY :	NONE
REPRODUCTIVE HAZARDS :	NONE
SKIN & EYE CONTACT :	WILL CAUSE BURN TO SKIN (EFFECTS: REDNESS, BLISTERING, DERMATITIS) WILL CAUSE BURN TO EYE (EFFECTS: PAIN, TEARING, CONJUNCTAVITIS)
<b>12. ECOLOGICAL INFORMATION</b>	
AQUATIC TOXICITY – FISH :	TOXIC
AQUATIC TOXICITY – DAPHNIA :	TOXIC
AQUATIC TOXICITY – ALGAE :	TOXIC
BIODEGRADABILITY :	BIODEGRADABLE
BIO-ACCUMULATION :	WILL NOT OCCUR
MOBILITY ;	PRODUCT WILL DISSOLVE IN WATER
GERMAN WGK :	N / A
<b>13. DISPOSAL CONSIDERATIONS</b>	
DISPOSAL METHODS :	CONTROLLED LANDFILL ACCORDING TO LOCAL

		REGULATIONS
DISPOSAL OF PACKAGING :		CONTAINERS SHOULD BE CLEANED & RECYCLED
<b>14.</b>	<b>TRANSPORTATION</b>	<b>INFORMATION</b>
CLASSIFIED AS HAZARDOUS FOR TRANSPORTATION. STORE AWAY FROM ACIDS. RECOMMENDED PRODUCT PACKAGING 25KG PLASTIC CONTAINERS.		
<b>15.</b>	<b>REGULATORY</b>	<b>INFORMATION</b>
E E C HAZARD CLASSIFICATION :		IRRITANT / HARMFUL
RISK PHRASES :		R20,R36,R38
SAFETY PHRASES :		S2,S24,S25,S26,S27,S28
NATIONAL LEGISLATION		NONE
<b>16.</b>	<b>OTHER</b>	<b>INFORMATION</b>
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