



SAFETY DATA SHEET

TETRACLEAN 105

1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME:	TETRA CLEAN 105
APPLICATIONS:	WELL CLEANING SURFACTANT
SUPPLIER:	TETRA TECHNOLOGIES UNIT 1A, AIRPORT INDUSTRIAL PARK, HOWE MOSS DRIVE, KIRKHILL INDUSTRIAL ESTATE, DYCE, ABERDEEN, AB2 0GL
EMERGENCY TELEPHONES:	01224 - 773811 (24 Hours)

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS (Vol%)	HEALTH (Class)	RISK (R No)
Proprietary Formula		100	Xi	R36/38

3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

4 FIRST AID MEASURES

EYES:	Rinse immediately with water for 15 minutes. Keep the eyes open. If symptoms persist, seek medical advice.
SKIN:	Wash the skin with water and soap. Remove contaminated clothing. Seek medical advice if irritation persists.
INHALATION:	Fresh air and rest.
INGESTION:	DO NOT INDUCE VOMITING. Give immediately water or milk to drink if the patient is conscious. Seek medical advice.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	CO2 foam or powder. Not classified as flammable. If the product is involved in a fire, harmful fumes may be developed. Remove exposed containers if it can be done without danger to people. Cool exposed containers with water until the fire is out.
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6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS	Collect using absorbents, sand, earth, dolomite. Flush with large amounts of water. Dispose of waste as special waste in accordance with local regulations.
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7 HANDLING AND STORAGE

USAGE PRECAUTIONS:	Make sure of good ventilation. Avoid contact with skin and eyes.
STORAGE PRECAUTIONS:	Store in cool, dry and ventilated storage and in closed containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No.	TLV
Proprietary formula		300 mg/m ³ H(96)
PROTECTIVE EQUIPMENT:	Use proper skin protection against splashes.	
VENTILATION:	Make sure of good ventilation.	
RESPIRATORS:	Use a respirator with filter for organic fumes.	
PROTECTIVE GLOVES:	Use rubber gloves.	
EYE PROTECTION:	Goggles.	

9 PHYSICAL AND CHEMICAL PROPERTIES

COLOUR:	Yellowish	APPEARANCE:	Liquid
ODOUR/TASTE:	Slight ether/ammonia		
SOLUBILITY DESCRIPTION:	Soluble in water.		
SOLUBILITY VALUE (g/100g H₂O/20°C):	N/A	pH VALUE:	7.9
SPECIFIC GRAVITY (WATER=1):	0.980 –0.988 mn @20°C		
EVAPORATION RATE (BuAc=1):	NDA	VAPOUR PRESSURE (mmHg):	@20°C NDA
VAPOUR DENSITY (air=1):	NDA	VOLATILE BY VOL. (%):	NDA
MELTING POINT (°C):	<-20°C	BOILING POINT (°C):	>120°C 760mmHg
FLASH POINT (°C):	>130°C	FLASH POINT METHOD:	NDA
AUTO IGNITION TEMPERATURE (°C):	NDA		
FLAMMABILITY LIMIT:	NDA -lower %:	FLAMMABILITY LIMIT:	NDA -upper %:



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10 STABILITY AND REACTIVITY

MATERIALS TO AVOID:	Strong oxidants.
HAZARDOUS DECOMPOSITION PRODUCTS:	In fire, harmful fumes may develop.
HAZARDOUS POLYMERIZATION:	

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS	
INHALATION:	With high exposure the product may give dizziness and sickness.
EYE CONTACT:	Pain and irritation.
INGESTION:	May cause indisposition.
SKIN CONTACT:	Irritating.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:	Tox. Sceletonema Costatum, 72 hrs, EC50: 12.3 mg/l Tox Acartia Tonsa, 48 hrs, LC50: 16.3 mg/l Tox Corophium volutator, 10 days, LC 50: 202 mg/l
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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with local regulations.
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14 TRANSPORT INFORMATION

ROAD	
LABEL FOR CONVEYANCE:	None
AIR	
UN No. AIR:	None
AIR TRANSPORT CLASS No.:	
SEA	
UN No. SEA:	None
SEA TRANSPORT CLASS No.:	
MARINE POLLUTANT:	No
RAIL	
RAIL TRANSPORT CLASS No.:	None



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15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



IRRITANT

RISK PHRASES:	R36/38	Irritating to eyes and skin.
SAFETY PHRASES:	S-24/25 S-26 S-39	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear eye/face protection.
UK REGULATORY REFERENCES:	Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993.	

16 OTHER INFORMATION

REVISION DATE (dd-mm-yy):	25/10/02
REVISION COMMENTS:	Data Sheet conforms to CHIP 3 ASL.(7 th edition)

DISCLAIMER

THE PRECEDING IS GIVEN IN GOOD FAITH AS REQUIRED UNDER THE HEALTH AND SAFETY AT WORK ACT 1974, BUT NO WARRANTY IS IMPLIED OR GIVEN. THE INFORMATION PROVIDED IS DESIGNED TO ENABLE THE USER TO USE THE PRODUCT SAFELY. IF THE INFORMATION IS INSUFFICIENT TO ENSURE SAFETY IN ANY PARTICULAR APPLICATION, CONTACT "THE SUPPLIER" FOR FURTHER ADVICE BEFORE PROCEEDING.