



TEXICIL AN-GCG

ICI Pakistan Ltd.
5 WEST WHARF KARACHI
EMERGENCY TELEPHONE: 111-100-200

SECTION NUMBER AND HEADING

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY
2. COMPOSITION/ INFORMATION ON INGREDIENTS
3. HAZARDS IDENTIFICATION
4. FIRST AID MEASURES
5. FIRE FIGHTING MEASURES
6. ACCIDENTAL RELEASE MEASURES
7. STORAGE AND HANDLING
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION
9. PHYSICAL/ CHEMICAL PROPERTIES
10. STABILITY AND REACTIVITY
11. TOXICOLOGICAL INFORMATION
12. ECOLOGICAL INFORMATION
13. DISPOSAL CONSIDERATIONS
14. TRANSPORT INFORMATION
15. REGULATORY INFORMATION
16. OTHER INFORMATION

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

1.1	CHEMICAL PRODUCT	TEXICIL AN-GCG
1.2	APPLICATION	TEXTILE AUXILIARY
1.3	COMPANY IDENTIFICATION	I.C.I Pakistan Ltd.
1.4	EMERGENCY TELEPHONE	111-100-200

2. COMPOSITION/ INFORMATION ON INGREDIENTS

2.1	CHEMICAL DESCRIPTION	MODIFIED DIMETHYLOL DIHYDROXY ETHYLENE UREA			
2.2	HAZARDOUS INGREDIENTS	C.P.I CLASS	CAS No.	EINECS NO	WT %
	FORMALDEHYDE	50-00-0	25-30%		



3. HAZARDS IDENTIFICATION

CONTACT WITH THE EYES MAY RESULT IN MODERATE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN IRRITATION. INHALATION MAY RESULT IN RESPIRATORY IRRITATION. INGESTION MAY RESULT IN GASTRIC DISTURBANCES

4. FIRST AID MEASURES

NO DATA IS AVAILABLE WHICH ADDRESSES MEDICAL CONDITIONS THAT ARE GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE TO THIS PRODUCT PLEASE REFER TO THE EFFECTS OF OVEREXPOSURE SECTION FOR EFFECTS (IF ANY) OBSERVED IN ANIMALS

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| 4.1 | EYE CONTACT | IMMEDIATELY RINSES EYES WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION |
| 4.2 | SKIN CONTACT | WASH AFFECTED AREAS WITH SOAP AND WATER REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION |
| 4.3 | INGESTION | IF SWALLOWED DILUTE WITH WATER AND IMMEDIATELY INDUCE VOMITING. NEVER GIVE FLUIDS OR INDUCE VOMITING IF THE VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. GET IMMEDIATE MEDICAL ATTENTION |
| 4.4 | INHALATION | MOVE TO FRESH AIR. AID IN BREATHING, IF NECESSARY AND GET IMMEDIATE MEDICAL ATTENTION |
| 4.5 | FURTHER MEDICAL TREATMENT | NO DATA IS AVAILABLE WHICH ADDRESSES MEDICAL CONDITIONS THAT ARE GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE TO THIS PRODUCT PLEASE REFER TO THE EFFECTS OF OVEREXPOSURE SECTION FOR EFFECTS (IF ANY) OBSERVED IN ANIMALS |

5. FIRE EXTINGUISHING MEDIA

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| 5.1 | EXTINGUISHING MEDIA | USE WATER FOG, FOAM OR DRY CHEMICAL EXTINGUISHING MEDIA |
| 5.2 | FIRE AND EXPLOSION HAZARDS | THERE ARE NO KNOWN UNUSUAL FIRE OR EXPLOSION HAZARDS |
| 5.3 | PROTECTIVE MEASURES | A SELF CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING SHOULD BE WORN IN FIRE CONDITIONS |



6. ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING AND PROVIDE ADEQUATE VENTILATION DURING CLEAN UP
- 6.2 ENVIRONMENTAL PRECAUTIONS DO NOT ALLOW TO ENTER DRAINS, SEWERS OR WATERCOURSES
- 6.3 CLEANING UP SPILLS SHOULD BE CONTAINED, SOLIDIFIED AND PLACED IN SUITABLE CONTAINERS FOR DISPOSAL IN A LICENSED FACILITY

7. STORAGE AND HANDLING

- 7.1 STORAGE KEEP CONTAINERS TIGHTLY CLOSED. PROTECT FROM FROST
- 7.2 RECOMMENDED SHELF LIFE 12 MONTHS
- 7.3 HANDLING AVOIDS CONTACT WITH SKIN AND EYES AVOID INHALATION OF HIGH CONCENTRATIONS OF MISTS

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 OCCUPATIONAL EXPOSURE LIMITS

CHEMICAL NOT ESTABLISHED

8.2 ENGINEERING MEASURES NONE REQUIRED UNDER NORMAL USAGE

8.3 PERSONAL PROTECTIVE EQUIPMENT

RESPIRATOR PROTECTION WEAR SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT IF EXPOSURE TO LEVELS ABOVE THE OCCUPATIONAL EXPOSURE LIMIT IS LIKELY PROTECTIVE EQUIPMENT IF EXPOSURE TO LEVELS ABOVE THE OCCUPATIONAL EXPOSURE LIMIT IS LIKELY

HAND PROTECTION WEAR PROTECTIVE GLOVES

EYE PROTECTION USE CHEMICAL SAFETY GOGGLES AND/OR A FULL FACE SHIELD WHERE SPLASHING IS POSSIBLE MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA

SKIN PROTECTION WEAR CLEAN BODY-COVERING CLOTHING



9. PHYSICAL/ CHEMICAL PROPERTIES

9.1	APPEARANCE	LIGHT YELLOW CLEAR LIQUID
9.2	ODOUR	PRODUCT SPECIFIC
9.3	PH	4.5 – 5.5
9.4	VISCOSITY	NOT ASSESSED
9.5	FREEZING POINT	NOT ASSESSED
9.6	FREEZE THAW RECOVERY	NOT ASSESSED
9.7	BOILING POINT	>100° C
9.8	MELTING POINT	NOT APPLICABLE
9.9	FLASH POINT	NOT ASSESSED
9.10	AUTOFLAMMABILITY	NOT ASSESSED
9.11	EXPLOSIVE PROPERTIES	NOT APPLICABLE
9.12	VAPOUR PRESSURE	NOT ASSESSED
9.13	VAPOUR DENSITY	NOT APPLICABLE
9.14	RELATIVE DENSITY	NOT ASSESSED
9.15	SOLUBILITY	MISCIBLE IN WATER
9.16	PARTITION COEFFICIENT	NOT ASSESSED

10. STABILITY AND REACTIVITY

10.1	STABILITY	STABLE UNDER NORMAL WORKING CONDITIONS.
10.2	CONDITIONS TO AVOID	NO INFORMATION
10.3	MATERIALS TO AVOID	AVOID ALKALINE MATERIALS
10.4	RECOMMENDED MATERIALS FOR EQUIPMENT	COMPATIBLE WITH MOST MATERIALS
10.5	HAZARDOUS DECOMPOSITION PRODUCTS	THERMAL DECOMPOSITION WILL YIELD CO CO ₂ AND OTHER NOXIOUS VAPORS

11. TOXICOLOGICAL INFORMATION



11.1 SHORT TERM EFFECTS

EYE CONTACTSLIGHT/MILD IRRITANT TO RABBIT EYESCAUSING SLIGHT
NITIAL PAIN

SKIN CONTACTMAY CAUSE SENSITIZATION BY SKIN CONTACTIT IS AN
EXTREME SKIN SENSITIZER IN ANIMAL TESTS.

PRACTICALLY NON-IRRITANT FOLLOWING A SINGLE
APPLICATION TO RABBIT SKIN
SEVERE/EXTREMELY SEVERE IRRITANT
FOLLOWING REPEATEDAPPLICATIONS TO RABBIT SKIN

INGESTION HARMFUL IF SWALLOWED

INHALATIONHIGH CONCENTRATIONS OF MIST MAY BE IRRITANT TO THE
UPPER RESPIRATORY TRACT

11.2 CHRONIC EFFECTS NOINFORMATIONAVAILABLE

12. ECOLOGICAL INFORMATION

12.1	LC 50	N.A.
12.2	BOD	N.A.
12.3	COD	N.A.
12.4	OTHER	N.A.

13. DISPOSAL CONSIDERATIONS

DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION

14. TRANSPORT INFORMATION

14.1	PACKAGING	200 & 60 KG PACKING
14.2	FREIGHT CLASSIFICATIONS	NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT
	UN NUMBER	NOT APPLICABLE
	ADR NUMBER	NOT APPLICABLE
	IMDG NUMBER	NOT APPLICABLE



PACKING GROUP NOT APPLICABLE

TERM CARD NOT APPLICABLE

15. REGULATORY INFORMATION

NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT

15.1 C.P.L CLASSIFICATION NOT APPLICABLE

EC CLASSIFICATION HARMFUL

HAZARD PICTOGRAM Xn

RISK PHRASES R22: HARMFUL IF SWALLOWED.
R43: MAY CAUSE SENSITIZATION BY SKIN CONTACT

SAFETY PHRASES S-24 AVOID CONTACT WITH SKIN
S37: WEAR SUITABLE GLOVES

15.2 OTHER LEGISLATION NOT APPLICABLE

16. OTHER INFORMATION

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