

MATERIAL SAFETY DATA SHEET



I - IDENTIFICATION AND USE

PRODUCT NAME: SOFTENER
PRODUCT USE: LAUNDRY FABRIC SOFTENER AND SOUR
WHIMIS CLASSIFICATION E, D2(B)

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II - HAZARDOUS INGREDIENTS OF PRODUCT

<u>CHEMICAL IDENTITY</u>	<u>CAS, UN, NA, NO</u>	<u>%</u>	<u>LD50/LC50</u>
CITRIC ACID	77-92-9	7-13	N/A
Methyl bis (canola amidoethyl)-2-Hydroxyethyl ammonium methyl sulphate	70914-09-9	13-15	ORAL RAT 840 mg/Kg

III - PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE: LIQUID
ODOUR & APPEARANCE: PLEASANT, OPAQUE BLUE
ODOUR THRESHOLD: N/A
VAPOUR PRESSURE: N/A
(AIR=1): N/A
EVAPORATION RATE: N/A
BOILING POINT: N/A
FREEZING POINT: LESS THAN 0°C
SOLUBILITY IN WATER: INFINITE
DENSITY:
PH: **CONC. 1.5 – 2.1**
SPECIFIC GRAVITY: 1.03-1.05

IV - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NO
MEANS OF EXTINCTION: WATER, CO2, DRY POWDER, FOAM
FLASHPOINT & METHOD: N/A
UPPER FLAMMABLE (% BY VOLUME): N/A
LOWER FLAMMABLE (% BY VOLUME): N/A
AUTOIGNITION TEMPERATURE: N/A
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

V - REACTIVITY DATA

CHEMICAL STABILITY: AVOID HEAT AND LIGHT
INCOMPATIBILITY MATERIALS: STRONG ALKALIS AND STRONG OXIDIZING MATERIALS
DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:	SKIN CONTACT:	YES
	EYE CONTACT:	YES
	INGESTION:	YES
	INHALATION:	N/A

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: MAY CAUSE IRRITATION TO EYES & SKIN. IF INGESTED IT MAY CAUSE IRRITATION OF THE GASTRIC TRACT.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: NONE BEYOND THOSE OF ACUTE EXPOSURE.

VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: **EYES:** USE SAFETY GLASSES WHEN HANDLING CONCENTRATE
HANDS: WEAR IMPERVIOUS GLOVES SUCH AS RUBBER OR LATEX
RESPIRATORY: NONE

LEAK AND SPILL PROCEDURE: PUMP INTO CONTAINERS. WASH RESIDUES WITH WATER.

WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH ENVIRONMENTAL REGULATIONS.

STORAGE REQUIREMENTS: KEEP CONTAINERS CLOSED IN A DRY, COOL PLACE.

SPECIAL SHIPPING INFORMATION: NOT REGULATED

VIII - FIRST AID MEASURES

EYE: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: FLUSH WITH WATER.

INGESTION: DO NOT INDUCE VOMITING GIVE COPIOUS AMOUNTS OF MILK OR WATER. OBTAIN MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: REMOVE TO FRESH AIR

PREPARED BY: QWATRO LAB GROUP

DATE: JANUARY 2014

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.

N/A – NOT AVAILABLE

NAP-NOT APPLICABLE