

SECTION 1 – IDENTIFICATION

NAME: BA-54

USE: Sour-softener for laundry

MANUFACTURER: B.O.D. CHEMICALS INC.
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SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: None

HEALTH HAZARDS: Serious eye damage / Eye irritation, category 2A

ENVIRONMENTAL HAZARDS: Not available

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: WARNING

HAZARD STATEMENTS: Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

PREVENTION: Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE: **If in eyes:** Rinse immediately and cautiously with water for 10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing, keeping eyelids open. If eye irritation persists: Get medical advice/attention.

STORAGE / DISPOSAL: No special remarks.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Methyl bis(tallowamido ethyl) -2- hydroxyethyl ammonium methyl sulfate	068410-69-5	5 - 10
Citric Acid	000077-92-9	5 - 10
Linear alcohol ethoxylated	068439-46-3	1 - 5

SECTION 4 – FIRST AID MEASURES

SKIN: Remove contaminated clothing. Rinse skin with water for at least 10 minutes/shower. Consult a physician if irritation persists.

EYES: Rinse cautiously with water for 10-15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, see a physician.

INGESTION: Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by

mouth if victim is unconscious. Call a physician.

INHALATION: Breathe fresh air.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

TO PHYSICIAN: Treat symptoms

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, chemical powder, foam.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT: Not flammable. In case of fire, toxic fumes could be emitted. The product does not burn itself but can decompose during heating to produce carbon monoxide and dioxide and toxic fumes.

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing and self-contained breathing apparatus if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Wear gloves and safety goggles if needed. Control spill to prevent discharge in sewers. Keep away from incompatible materials.

ENVIRONMENTAL PRECAUTIONS: Avoid the spillage or runoff entering drains, sewers or watercourses.

METHODS AND MATERIALS FOR AND CLEANING UP: Wear protective clothing. Control spill to prevent discharge in sewers. Cover with inert absorbent material and recover in appropriate containers. Sweep and rinse with water.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid contact of the product with eyes and skin. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Keep containers closed, in fresh, dry and well ventilated area, away from incompatible materials.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

No occupational exposure limits known.

APPROPRIATE ENGINEERING CONTROL: Normal ventilation

PERSONAL PROTECTIVE EQUIPMENT 

SKIN: Generally not required.

EYES: Safety goggles.

RESPIRATORY: Generally not required.

HYGIENE MEASURES: Wash hands after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM: Opaque liquid

COLOR: Blue

ODOR: Perfumed

ODOR THRESHOLD:	Not available
pH:	1 - 3
MELTING POINT / FREEZING POINT (°C):	~ 0
BOILING POINT (°C):	~ 100
FLASH POINT (°C):	Not available
EVAPORATION RATE:	Not available
EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
DENSITY (kg/L):	1.02 - 1.04
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT / N-OCTANOL/WATER:	Not available
AUTOIGNITION TEMPERATURE (°C):	Not available
DECOMPOSITION TEMPERATURE (°C):	Not available

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	No dangerous reaction known under conditions of normal use.
STABLE:	Stable at normal ambient temperatures and when used as recommended.
HAZARDOUS REACTIONS:	Hazardous polymerisation does not occur.
CONDITIONS TO AVOID:	Contact with incompatible materials.
INCOMPATIBILITY:	Strong oxidizing agents (chlorinated bleach), acids, alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	No serious effect.
EYES:	Causes serious eye irritation.
INHALATION:	No serious effect.
INGESTION:	May cause an irritation.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE ORAL TOXICITY:	LD50 : 14.34 g/kg, rat
ACUTE DERMAL TOXICITY:	Not available. No health effects (normal conditions of use).
ACUTE INHALATION TOXICITY:	Not available. No health effects (normal conditions of use).
SKIN CORROSION / IRRITATION:	No serious effect.
SERIOUS EYE DAMAGE / EYE IRRITATION:	Causes serious eye irritation.

RESPIRATORY SENSITIZATION:	Not expected to cause respiratory sensitization.
SKIN SENSITIZATION:	Not expected to cause skin sensitization.
GERMINAL CELL MUTAGENICITY:	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
CARCINOGENICITY:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.
REPRODUCTIVE TOXICITY:	No potential reproductive toxicity.
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:	Not classified.
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	Not classified.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:	Linear alcohol ethoxylated LC50, Pimephales promelas, 96h, 8.5 mg/l EC50, Daphnia magna, 48h, 5.3 mg/l
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	Not available

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:	Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.
HAZARDOUS WASTE CODE:	Not a hazardous product.
CONTAMINATED PACKAGING:	Rinse with water and recycle.

SECTION 14 – TRANSPORT INFORMATION

TDG:	Not regulated
SPECIAL PRECAUTIONS FOR USER:	Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 – REGULATORY INFORMATION

INGREDIENTS INCLUDED ON INVENTORY:

Ingredients listed on DSL (Canada), REACH, TSCA (USA).

SECTION 16 – OTHER INFORMATION

PRODUCT NAME:	BA-54
IN CASE OF ACCIDENTAL SPILL:	CANUTEC (Canada): 1 (613) 996-6666
PREPARED BY:	B.O.D. CHEMICALS INC.
PHONE:	(450) 443-5556

DATE: November 23th, 2018

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.