

## SECTION 1 – IDENTIFICATION

**NAME:** R-5000

**USE:** Pot and pan liquid detergent

**MANUFACTURER:** B.O.D. CHEMICALS INC.  
3300, Star Street, Saint-Hubert, Qc, Canada, J3Y 3W6  
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**EMERGENCY PHONE:** 1 (877) 565-8540

## 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 skin 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)
Sodium dodecylbenzenesulphonate	025155-30-0	1 - 5
Sodium laurylethersulphate	068585-34-2	1 - 5
Alkanolamide	068603-42-9	0.5 - 1.5

## SECTION 4 – FIRST AID MEASURES

**SKIN:** Remove contaminated clothing. Rinse skin with water. Consult a physician if irritation persists.

**EYES:** Rinse immediately and cautiously with water for 10 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician if irritation persists.

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

mouth if victim is unconscious. Consult a physician if irritation persists.

**INHALATION:** Breathe fresh air.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:** Eyes: Causes serious eye irritation. Symptoms may include tingling, watery eyes, redness, swelling and blurred vision.

**TO PHYSICIAN:** Treat symptoms.

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## 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:** The product is 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 EQUIPMENT:** Wear protective clothing and positive pressure self-contained breathing apparatus if necessary.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Wear safety goggles. Control spill to prevent discharge in sewers.

**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.

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## SECTION 7 – HANDLING AND STORAGE

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

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

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

No occupational exposure limits known.

**APPROPRIATE ENGINEERING CONTROL:** Normal ventilation

### PERSONAL PROTECTIVE EQUIPMENT



**SKIN:** Impermeable gloves suggested.

**EYES:** Safety goggles suggested.

**RESPIRATORY:** Generally not required.

**HYGIENE MEASURES:** Wash hands after handling.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE / FORM:** Viscous liquid

**COLOR:** Pink

<b>ODOR:</b>	Cherry
<b>ODOR THRESHOLD:</b>	Not available
<b>pH:</b>	6 - 8
<b>MELTING POINT / FREEZING POINT (°C):</b>	~ 0
<b>BOILING POINT (°C):</b>	~ 100
<b>FLASH POINT (°C):</b>	Not available
<b>EVAPORATION RATE:</b>	Not available
<b>EXPLOSIVE LIMITS:</b>	Not available
<b>VAPOUR PRESSURE:</b>	Not available
<b>VAPOUR DENSITY:</b>	Not available
<b>DENSITY (kg/L):</b>	1.01 - 1.03
<b>WATER SOLUBILITY:</b>	Complete
<b>PARTITION COEFFICIENT / N-OCTANOL/WATER:</b>	Not available
<b>AUTOIGNITION TEMPERATURE (°C):</b>	Not available
<b>DECOMPOSITION TEMPERATURE (°C):</b>	Not available

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## **SECTION 10 – STABILITY AND REACTIVITY**

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

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

### **INFORMATION ON LIKELY ROUTES OF EXPOSURE**

<b>SKIN:</b>	No serious effect.
<b>EYES:</b>	Causes serious eye irritation.
<b>INHALATION:</b>	No serious effect.
<b>INGESTION:</b>	May cause an irritation.

### **NUMERIC VALUES OF TOXICITY**

<b>ACUTE ORAL TOXICITY:</b>	LD50 (rat): 7816 mg/kg
<b>ACUTE DERMAL TOXICITY:</b>	Not available. No health effects (normal conditions of use).
<b>ACUTE INHALATION TOXICITY:</b>	Not available. No health effects (normal conditions of use).

### **DELAYED AND IMMEDIATE EFFECTS**

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

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## SECTION 12 – ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b>	Sodium laurylethersulphate LC50, Fish, >10-100 mg/l - 96h
	Sodium dodecylbenzenesulphonate LC50 - Oncorhynchus mykiss (rainbow trout), 3.2-5.6 mg/l - 96h
<b>PERSISTENCE AND DEGRADABILITY:</b>	Not available
<b>BIOACCUMULATIVE POTENTIAL:</b>	Not available.
<b>MOBILITY IN SOIL:</b>	Not available
<b>OTHER ADVERSE EFFECTS:</b>	Not available

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## SECTION 13 – DISPOSAL CONSIDERATIONS

<b>DISPOSAL INSTRUCTIONS:</b>	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.
<b>HAZARDOUS WASTE CODE:</b>	Not a hazardous product.
<b>CONTAMINATED PACKAGING:</b>	Rinse with water and recycle.

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## SECTION 14 – TRANSPORT INFORMATION

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

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## SECTION 15 – REGULATORY INFORMATION

### INGREDIENTS INCLUDED ON INVENTORY:

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

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## SECTION 16 – OTHER INFORMATION

<b>PRODUCT NAME:</b>	R-5000
<b>IN CASE OF</b>	CANUTEC (Canada): 1 (613) 996-6666

**ACCIDENTAL SPILL:**

**PREPARED BY:** B.O.D. CHEMICALS INC.

**PHONE:** (450) 443-5556

**DATE:** November 22<sup>th</sup>, 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.