

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ROC 45  
**Chemical Name** Surfactant cleaner and gas freeing aid

### Recommended use of the chemical and restrictions on use

**Recommended use** Enclosed space cleaning and gas freeing applications  
**Restrictions on use** For industrial use only

### Supplier details

West Penetone Inc.  
 11411-160 Street  
 Edmonton, AB,  
 T5M3T7  
 Tel: 780-454-3919

### Emergency Telephone Number

Main office – (780)-454-3919, 8:00 AM to 4:30 PM MST

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Hazardous to the aquatic environment, acute hazard	Category 3
Hazardous to the aquatic environment, long-term hazard	Category 4

### Label Elements

#### **DANGER**

#### **Hazard Statements**

Causes skin and serious eye irritation  
 Harmful to aquatic life  
 May cause long lasting harmful effects to aquatic life



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
 Avoid release to the environment.  
 Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %*
alcohols, C9-C11, ethoxylated	68439-46-3	3-7
lauramine oxide	1643-20-5	3-7
alcohols (C12-C15 In. saturated) ethoxylate	68131-39-5	1-5
amide polyglycol ether	85536-23-8	1-5
tetrasodium ethylenediaminetetraacetate	64-02-8	1-5

\* The actual concentrations have been withheld as a trade secret

**4. FIRST AID MEASURES**

<b>Ingestion</b>	Rinse mouth. Remove person to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed by medical personnel. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.
<b>Skin contact</b>	Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
<b>Inhalation</b>	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Most important symptoms and effects, both acute and delayed**

Contact with eyes may cause irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva. Contact with skin may cause irritation with local redness.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Use personal protective equipment. High risk of slipping due to product leakage/spillage. Use appropriate containment to avoid environmental contamination.

**Environmental Precautions**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal. Following product recovery, flush area with plenty of water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes, and clothing. Use recommended personal protective equipment.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed away from direct sunlight, away from incompatible materials.

**Incompatible Materials** Strong oxidizing materials, acids, amphoteric or light metals.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

No known exposure limits noted for ingredient(s).

### Appropriate engineering controls

**Engineering Controls** Under the intended modes of use, exposure control measures are not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety glasses with side shields or goggles.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory Protection** Respiratory protection not normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE:**

Clear, yellow liquid

### **ODOR:**

Wintergreen

### **ODOR THRESHOLD:**

Not applicable

### **pH:**

10.25-11.25

### **MELTING POINT / FREEZING POINT:**

0°C (32°F)

### **BOILING POINT/BOILING RANGE:**

100°C (212°F)

### **FLASH POINT:**

None

### **EVAPORATION RATE, water = 1:**

1

### **FLAMMABILITY (SOLID, GAS):**

Not applicable

### **VAPOR PRESSURE, mm Hg AT 20°C (68°F):**

Not applicable

### **VAPOR DENSITY (Air = 1):**

Not applicable

### **RELATIVE DENSITY AT 20°C (68°F):**

1.005-1.025

### **SOLUBILITY IN WATER:**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER:**

Not available

### **AUTO-IGNITION TEMPERATURE:**

None

### **DECOMPOSITION TEMPERATURE:**

Not available

### **VISCOSITY:**

Not available

### **FLAMMABLE LIMITS:**

**UPPER:** Not applicable **LOWER:** Not applicable

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid**

Extreme temperatures. Store away from incompatible materials.

**Incompatible Materials**

Strong oxidizing materials, acids, amphoteric or light metals.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decompositions can lead to release of irritating gases and vapors such as oxides of carbon, nitrogen, as well as other low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**ATE<sub>mix</sub>** – LD50 oral – approx. >7,450mg/kg (rat), LD50 dermal – approx. >10,000mg/kg (rabbit), LC50 inhalation-mists – approx. >40mg/L – 6 h (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
alcohols, C9-C11, ethoxylated 68439-46-3	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
lauramine oxide 1643-20-5	>1065 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
alcohols, C12-C15, ethoxylated 68131-39-5	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
amide polyglycol ether 85536-23-8	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
tetrasodium ethylenediaminetetraacetate 64-02-8	>1780-<2000 mg/kg (rat)	Not listed	>1 mg/L (aerosol) (rat) – 6 h

**Information on likely sources of exposure**

Ingestion	Expected to be a low ingestion hazard.
Skin corrosion/irritation	Causes skin irritation.
Inhalation	Expected to be a low inhalation hazard.
Serious eye damage/irritation	Causes serious eye irritation.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

Respiratory or skin sensitization	Not a sensitizer.
Germ cell mutagenicity	None known.
Carcinogenicity	No listed carcinogens.
Reproductive toxicity	None known.
STOT - single exposure	No information available.
STOT-repeated exposure	No information available.
Aspiration Hazard	None.

**Symptoms related to the physical, chemical and toxicological characteristics**

May cause serious eye irritation. Skin irritation.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Fish	Waterflea	Algae
ROC 45	17.7 mg/L: 96 h rainbow trout LC50	18.3 mg/L: 48 h EC50	Not available

**Persistence and degradability**

Expected to be potentially biodegradable

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

No information available

**Other adverse effects**

Do not release untreated into natural waters. No other adverse environmental effects are expected.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION**

UN Number: Not regulated  
UN Proper Shipping Name: Not regulated  
Transport Hazard Class(es):  
Class: TDG: Not regulated  
US DOT: Not regulated  
IMDG: Not regulated  
Label(s): Not regulated  
Packing Group: Not applicable  
Marine Pollutant: No

Special precautions for user: None established

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:  
Not determined

**15. REGULATORY INFORMATION**

## Canada (DSL/NDSL)

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

## United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

## HMIS Information:

Health: 1  
Flammability: 0  
Reactivity: 0

**16. OTHER INFORMATION****Preparation Date**

14 April 2016

**Revision Date**

3 July 2025

**Revision Note****Revision 5** - Modifications to Section 1**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**