1. IDENTIFICATION

Product Identifier
Product Name ROC 60VP US
Chemical Name Surfactant/triazine-type cleaner and gas freeing aid

Recommended use of the chemical and restrictions on use
Recommended use High-temperature enclosed space cleaning and gas freeing
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
Canutec (613)-996-6666 or 1-888-226-8832 – FOR 24 HOUR TRANSPORT EMERGENCY WITHIN CANADA Chemtrec 1-800-424-9300 – FOR 24 HOUR TRANSPORT EMERGENCY WITHIN USA

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Hazardous Group</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids</td>
<td>Category 4</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 4</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1C</td>
</tr>
<tr>
<td>Skin sensitizer</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Specific target organ toxicity – single exposure</td>
<td>Category 3</td>
</tr>
<tr>
<td>Specific target organ toxicity – repeated exposure</td>
<td>Category 2</td>
</tr>
<tr>
<td>Hazardous to the aquatic environment, acute hazard</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label Elements

DANGER

Hazard Statements
Combustible liquid
Causes severe skin burns and eye damage
May cause an allergic skin reaction
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure
Toxic to aquatic life

Precautionary Statements - Prevention
Keep away from heat, hot surfaces, sparks, open flame and other ignition sources.
No smoking. Keep container tightly closed.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statements - Response
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: get medical advice/attention. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell.

Precautionary Statements - Storage
Store in a well ventilated place. Keep container tightly closed. Store locked up.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3,4-triazine, hexahydro-1,3,5-trimethyl-</td>
<td>108-74-7</td>
<td>10-30</td>
</tr>
<tr>
<td>alcohols, C9-C11, ethoxylated</td>
<td>68439-46-3</td>
<td>5-10</td>
</tr>
<tr>
<td>lauramine</td>
<td>1643-20-5</td>
<td>5-10</td>
</tr>
<tr>
<td>morpholine</td>
<td>110-91-8</td>
<td>1-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Ingestion        Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
Skin contact     Wash with plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs, get medical advice/attention. Take off immediately all contaminated clothing and wash it before re-use.
Inhalation       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.
Eye contact      Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed
Contact with eyes may cause serious eye damage leading to stinging, tearing, and blurred vision with marked excess redness and swelling of the conjunctiva. Permanent eye damage including blindness could result. Contact with skin may cause local burns or lesions and cause sensitization with prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Inhalation of mist/vapors/spray may cause respiratory tract irritation leading to a temporary burning sensation of the nose and throat, coughing, and difficulty breathing.

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 and nitrogen.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Use personal protective equipment. High risk of slipping due to product leakage/spillage.

Environmental Precautions
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 water. For large spills, stop flow of material, dike, 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 and inhalation of mist/vapors/spray. Avoid contact with skin, eyes and clothing. Ensure thorough ventilation of work areas. Use recommended personal protective equipment.

Conditions for safe storage, including any incompatibilities
Storage Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

Incompatible Materials Acids, oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>morpholine 110-91-8</td>
<td>TWA: 20 ppm</td>
<td>20 ppm/70 mg/m³</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash facilities and emergency shower must be made available when handling this product.

Individual protection measures, such as personal protective equipment
Eye/face Protection Safety glasses with side shields or goggles. Face shield where handling may produce splashing hazards.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory Protection Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

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, blue liquid

ODOR:
Amine

ODOR THRESHOLD:
Not applicable

pH:
10.0-11.0

MELTING POINT / FREEZING POINT:
Approx. 0°C (32°F)

BOILING POINT/BOILING RANGE:
Not available

FLASH POINT:
Approx. 67°C / 153°F (TCC), 107°C / 225°F (COC)

FLAMMABILITY (SOLID, GAS):
Not applicable

VAPOR PRESSURE, mm Hg AT 20°C (68°F):
Not available

VAPOR DENSITY (Air = 1):
Not available

RELATIVE DENSITY AT 20°C (68°F):
0.980

SOLUBILITY IN WATER:
Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:
Not available

AUTO-IGNITION TEMPERATURE:
Not available

DECOMPOSITION TEMPERATURE:
Not available

FLAMMABLE LIMITS:
UPPER: Not available LOWER: Not available

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.

Condition to Avoid
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 and nitrogen as well as other low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acutetoxicity

Acute oral - LD50 oral - approx. >2310 mg/kg (rat), LD50 dermal - approx. >4890 mg/kg (rabbit)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3,4-triazine, hexahydro-1,3,5-</td>
<td>500 mg/kg</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>trimethyl-</td>
<td>(rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>alcohols, C9-C11, ethoxylated</td>
<td>&gt;2000 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>Not listed</td>
</tr>
<tr>
<td>lauramine oxide</td>
<td>&gt;1065 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>Not listed</td>
</tr>
<tr>
<td>morpholine 110-91-8</td>
<td>1910 mg/kg</td>
<td>500 mg/kg</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Information on likely sources of exposure

Inhalation: May cause respiratory irritation and possible damage.

Serious eye damage/irritation: May cause serious eye damage.

Skin corrosion/irritation: May cause skin burns and possible sensitization.

Ingestion: May be harmful if swallowed.
Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization 1,3,5-triazine, hexahydro-1,3,5-trimethyl- (CAS 108-74-7) - 1B  May cause an allergic skin reaction
Germ cell mutagenicity  No information available.
Carcinogenicity Morpholine (CAS 110-91-8) - under certain conditions, forms nitrosamines, an animal study carcinogen
Reproductive toxicity 1,3,5-triazine, hexahydro-1,3,5-trimethyl- (CAS 108-74-7) – OECD 422 oral rat NOAEL >100 mg/L, 28 d STOT - single exposure  No information available
STOT - repeated exposure 1,3,5-triazine, hexahydro-1,3,5-trimethyl- (CAS 108-74-7) – respiratory tract irritant
Aspiration Hazard None.

Symptoms related to the physical, chemical and toxicological characteristics
Skin and eye irritation and possible damage. Ingestion may cause irritation or burns of mouth, esophagus and stomach, abdominal pain, nausea, vomiting, and diarrhea. Inhalation may cause irritation of nose, mouth, and upper respiratory tract, coughing, and difficulty breathing.

12. ECOLOGICAL INFORMATION

Ecotoxicity
If available, ecotoxicity values of individual components are shown below.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Fish</th>
<th>Waterfle</th>
<th>Algae</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3,4-triazine, hexahydro-1,3,5-trimethyl-</td>
<td>&gt;1.908 mg/L: 96 h LC50</td>
<td>20.352 mg/L: 48 h LC50</td>
<td>1.145 mg/L: 72 h EC50</td>
</tr>
<tr>
<td>alcohols, C9-C11, ethoxylated</td>
<td>5-10 mg/L: 96 h LC50</td>
<td>5-10 mg/L: 48 h EC50</td>
<td>10-100 mg/L: 72 h EC50</td>
</tr>
<tr>
<td>lauraminoxide</td>
<td>2.67 mg/L: 96 h LC50</td>
<td>3.1 mg/L: 48 h Daphnia magna</td>
<td>0.19 mg/L: 72 h EC50</td>
</tr>
<tr>
<td>morpholine 110-91-8</td>
<td>180 mg/L: 96 h salmo gairdneri, syn. O.</td>
<td>45 mg/L: 48 h Daphnia magna</td>
<td>28 mg/L: 96 h EC50</td>
</tr>
</tbody>
</table>

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: UN3267
Proper Shipping Name: Corrosive Liquid, Basic, Organic, N.O.S., (triazines)
Hazard Class(es)
Class: TDG: 8
US DOT: 8
IMDG: 8
Label(s): Corrosive
Packing Group: III
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.

SARA 311/312 REPORTABLE HAZARD CATEGORIES: Immediate (Acute) Health

REPORTING REQUIREMENTS (all quantities in pounds)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS / 313 Code</th>
<th>Section 302 (EHS) TPQ</th>
<th>Section 304 EHS RQ</th>
<th>CERCLA RQ</th>
<th>Section 313</th>
<th>CAA 112(r) TQ</th>
<th>CWA / OPA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>no component is subject to reporting requirements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HMIS Information:
- Health: 1
- Flammability: 2
- Reactivity: 0

16. OTHER INFORMATION

Preparation Date: October 28, 2019
Revision Date: August 20, 2020
Revision Note: Revision 4 - Adjustments to Section 15, addition of reporting requirements

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.

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 780-454-3919

End of SDS