

## Vibra Glo R-232

### SECTION 1. IDENTIFICATION

|   |   |
|---|---|
| <b>Product Identifier</b>               | Vibra Glo R-232   |
| <b>Other Means of Identification</b>    | Rust Inhibitor  |
| <b>Recommended Use</b>                  | Metal Protector.  |
| <b>Restrictions on Use</b>              | None known.   |
| <b>Manufacturer/Supplier Identifier</b> | Vibra Finish Ltd, 5329 Maingate Drive, Mississauga, ON, L4W 1G6, Canada, Cheryl Mejia-Fermin, (905) 625-9955 Ext. 252 , <a href="https://vibra.com/">https://vibra.com/</a> |
| <b>Emergency Phone No.</b>              | CANUTEC, 613-996-6666, 24 Hour Emergency Line   |

### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

#### Classification

Skin irritation - Category 2; Eye irritation - Category 2

#### Label Elements



Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statement(s):

Prevention:

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice or attention.

P337 + P313 If eye irritation persists: Get medical advice or attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P402 + P404 Store in a dry place. Store in a closed container.

Disposal:

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

#### Other Hazards

None known.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name                           | CAS No.     | %    | Other Identifiers | Other Names |
|---|-------------|------|-------------------|-------------|
| Aliphatic Amine                         | 131640-43-2 | 5-15 | Alox 232          |             |
| Triethanolamine                         | 102-71-6    | 5-15 | NDA               |             |
| COCONUT DIETHANOLAMIDE                  | 68603-42-9  | 1-5  | Alkawet CF        |             |
| Tetrasodium ethylenediaminetetraacetate | 64-02-8     | 1-5  | EDTA              |             |

### Notes

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention. Clean clothing, shoes and leather goods.

#### Eye Contact

Avoid direct contact. Wear chemical protective gloves if necessary. Quickly and gently blot or brush chemical off the face. Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists, get medical advice or attention.

#### Ingestion

Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

#### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

### Most Important Symptoms and Effects, Acute and Delayed

None known.

### Immediate Medical Attention and Special Treatment

#### Special Instructions

If medical advice is needed, have product container at hand. Consideration should be given to the possibility that over-exposure to materials other than this product may have occurred.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire. Use water to keep non-leaking, fire-exposed containers cool.

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### **Unsuitable Extinguishing Media**

Do not use water jet.

### **Specific Hazards Arising from the Product**

Does not burn. Heating increases the release of toxic vapour.

In a fire, the following hazardous materials may be generated: corrosive, oxidizing nitrogen oxides.

### **Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.

Fire-fighters should enter area wearing specialized protective equipment. (Bunker Gear will not provide adequate protection.) chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Cover the spill surface with the appropriate type of foam to reduce the release of vapour. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product.

Large spills or leaks: dike spilled product to prevent runoff. Knock down gas with fog or fine water spray. Knock down vapour with fog or fine water spray. Do not direct water at spill or source. Remove or recover liquid using pumps or vacuum equipment. Flush spill area. Dike and recover contaminated water for appropriate disposal. Get expert advice before treating the spilled product with other chemicals to make it less hazardous.

Store recovered product in suitable containers that are: tightly-covered. Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

### **Other Information**

Report spills to local health, safety and environmental authorities, as required.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Do not get in eyes, on skin or on clothing. Only use where there is adequate ventilation. Avoid generating vapours or mists. Prevent accidental contact with incompatible chemicals. Wear personal protective equipment to avoid direct contact with this chemical. Avoid repeated or prolonged skin contact with product or with contaminated equipment/surfaces.

General hygiene considerations: thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. See Section 13 (Disposal Considerations) of this safety data sheet.

### **Conditions for Safe Storage**

Store in an area that is: well-ventilated, separate from incompatible materials (see Section 10: Stability and Reactivity). Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Comply with all applicable health and safety regulations, fire and building codes.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Not available.

### **Appropriate Engineering Controls**

General ventilation is usually adequate.

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For large scale use of this product: use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

Provide eyewash and safety shower if contact or splash hazard exists.

#### Individual Protection Measures

##### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

##### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: neoprene rubber, nitrile rubber, polyvinyl chloride.

##### Respiratory Protection

Not normally required if product is used as directed. For non-routine or emergency situations: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|   |  |
|---|--|
| <b>Appearance</b>                                       | Amber liquid.                                      |
| <b>Odour</b>  | Not available                                      |
| <b>Odour Threshold</b>                                  | Not available                                      |
| <b>pH</b>   | 8.5  |
| <b>Melting Point/Freezing Point</b>                     | Not applicable (melting); 0 °C (freezing)          |
| <b>Initial Boiling Point/Range</b>                      | 100 °C   |
| <b>Flash Point</b>                                      | Not available                                      |
| <b>Evaporation Rate</b>                                 | Not available                                      |
| <b>Flammability (solid, gas)</b>                        | Not applicable (liquid).                           |
| <b>Upper/Lower Flammability or Explosive Limit</b>      | Not available (upper); Not available (lower)       |
| <b>Vapour Pressure</b>                                  | Not available                                      |
| <b>Vapour Density (air = 1)</b>                         | Not available                                      |
| <b>Relative Density (water = 1)</b>                     | Not available                                      |
| <b>Solubility</b>                                       | Soluble in water; Not available (in other liquids) |
| <b>Partition Coefficient, n-Octanol/Water (Log Kow)</b> | Not available                                      |
| <b>Auto-ignition Temperature</b>                        | Not available                                      |
| <b>Decomposition Temperature</b>                        | Not available                                      |
| <b>Viscosity</b>  | Not available (kinematic); Not available (dynamic) |
| <b>Other Information</b>                                |  |
| <b>Physical State</b>                                   | Liquid   |

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

High temperatures. Prolonged exposure to high temperatures. Freezing.

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### **Incompatible Materials**

Organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), strong acids (e.g. hydrochloric acid), oxidizing agents (e.g. peroxides), strong oxidizing agents (e.g. perchloric acid).

### **Hazardous Decomposition Products**

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Information presented below is for the entire product, unless otherwise specified.

### **Likely Routes of Exposure**

Skin contact; eye contact; ingestion.

### **Acute Toxicity**

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### **Skin Corrosion/Irritation**

May cause moderate or severe irritation based on information for closely related materials.

### **Serious Eye Damage/Irritation**

May cause serious eye irritation based on information for closely related materials.

### **STOT (Specific Target Organ Toxicity) - Single Exposure**

#### **Inhalation**

May cause nose and throat irritation.

#### **Skin Absorption**

No information was located.

#### **Ingestion**

May cause irritation of the mouth, throat and stomach.

### **Aspiration Hazard**

No information was located.

### **STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

### **Respiratory and/or Skin Sensitization**

No information was located.

### **Carcinogenicity**

Not a carcinogen.

### **Reproductive Toxicity**

#### **Development of Offspring**

No information was located.

#### **Sexual Function and Fertility**

No information was located.

#### **Effects on or via Lactation**

No information was located.

### **Germ Cell Mutagenicity**

No information was located.

### **Interactive Effects**

No information was located.

### **Other Information**

The product has not been tested. The statements on toxicology have been derived from products of as similar structure

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and composition.

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

### Ecotoxicity

No information was located.

### Persistence and Degradability

No information was located.

### Bioaccumulative Potential

No information was located.

### Mobility in Soil

No information was located.

### Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants). Empty containers retain product residue. Follow label warnings even if container appears to be empty. Dispose of or recycle empty containers through an approved waste management facility.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

## SECTION 16. OTHER INFORMATION

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**Key to Abbreviations** ACGIH® = American Conference of Governmental Industrial Hygienists  
AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health  
NTP = National Toxicology Program  
OSHA = US Occupational Safety and Health Administration  
RTECS® = Registry of Toxic Effects of Chemical Substances

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