

# MATERIAL SAFETY DATA SHEET

Revision Date 27.02.2016

## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Product identifier

|              |                             |
|--------------|-----------------------------|
| Product name | GRAVICH VITAMIN C ACTIVATOR |
| Product code | WCM002-00                   |
| Recommended  | Use Skin/Cosmetics          |

### 1.2 Details of the supplier of the safety data sheet

|              |  |
|--------------|--|
| Manufacturer | NEUTRINO COSMETOLOGY Co.,Ltd.                                |
| Address      | 156 Liap Wari Rd., Krathum Rai, Nong Chok, Bangkok, Thailand |
| Telephone    | +66 2 045 6008   |
| E-Mail       | info@ntncosmetology.com                                      |

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

GHS07

Eye Irrit.2 H319 Causes serious eye irritation.

~ 2 ~ Revision Date 12.06.2015

### 2.2 Label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards. Precautionary statements

### 2.3 Other hazards

Other hazards which donot result in classification:

Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

| INCI Name               | Cas no.    | %w/w         |
|-------------------------|------------|--------------|
| WATER                   | 7732-18-5  | >50.00 %     |
| GLYCERIN                | 56-81-5    | 5.00-20.00 % |
| BUTYLENE GLYCOL         | 107-88-0   | 5.00-10.00 % |
| ACACIA SENEGAL GUM      | 9000-01-5  | 5.00-10.00 % |
| XANTHAN GUM             | 11138-66-2 | 0.50-1.00 %  |
| 3-O-ETHYL ASCORBIC ACID | 86404-04-8 | 1.00-3.00%   |
| DISODIUM EDTA           | 139-33-3   | >0.30 %      |
| NIACINAMIDE             | 98-92-0    | >5.00        |
| CHLORPHENESIN           | 104-29-0   | >0.10 %      |
| PHENOXYETHANOL          | 122-99-6   | >1.00 %      |
| WITCH HAZEL EXTRACT     | 84696-19-5 | >7.00 %      |

### SECTION 4 FIRST AID MEASURES

#### Description of first aid measures

|              |   |
|--------------|---|
| Inhalation   | Remove to fresh air. If breathing is difficult give oxygen. Get medical attention.  |
| Skin Contact | Remove contaminated clothing. Wash skin with soap and water. If irritation persists, get medical attention.   |
| Eye Contact  | Check for and remove any contact lenses, if possible. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.   |
| Ingestion    | Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt, or waistband. |

## SECTION 5 FIREFIGHTING MEASURES

|  |   |
|--|---|
| Suitable extinguishing media:                                  | Use water spray, dry chemical, CO <sub>2</sub> , or alcohol resistant foam as appropriate for surrounding fire and materials.   |
| Unsuitable extinguishing media:                                | High pressure water jet.  |
| Specific hazards in case of fire:                              | Fire may produce irritating, corrosive and/or toxic gasses.   |
| Special protective equipment and precaution for fire fighters: | Use self-contained breathing apparatus with full-face piece, operated in pressure-demand or other positive pressure mode. Keep fire-exposed containers cool by using water spray. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|  |   |
|--|---|
| Personal Precautions, protective equipment and emergency procedure | Use respiratory protective device against the effects of fumes/aerosol.<br>Wear protective equipment. Keep unprotected persons away.<br>Ensure adequate ventilation<br>Protect from heat.<br>Take any precaution to avoid mixing with combustibles. |
| Environmental precautions  | Do not allow to enter sewers / surface or ground water  |
| Methods and material for containment and clean up                  | Absorb with non-combustible liquid-binding material (sand, diatomite, treated sawdust, inert material, etc.).<br>Do not allow to dry out.<br>Dispose contaminated material in suitable receptacles as waste.  |

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Avoid repeated or prolonged contact with skin, eyes and clothing. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid breathing vapors.

### Conditions for safe storage, including incompatibilities

Keep container in a cool, well-ventilated area at 12 –32 oC. Keep container tightly closed and sealed until ready for use. Observe all federal, state, and local regulations when storing this substance. Take precautions to avoid release to the environment

### 7.3 Specific end uses no data available

## SECTION 8: EXPOSURECONTROLS / PERSONALPROTECTION

### 8.1 Control parameters

Components with workplace control parameters

### 8.2 Exposure controls

Appropriate engineering controls  
General industrial hygiene practice.

### Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                  |   |
|------------------|---|
| Physical state   | Liquid  |
| Color            | Clear   |
| Odor             | Odorless  |
| pH               | 5.5-6.5   |
| Relative density | 0.99 – 1.00                                     |
| Solubility       | Soluble in the following materials: cold water. |

### 9.2 Other safety information

Granulometry -

## **SECTION 10: STABILITY AND REACTIVITY**

### 10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

The product is stable.

#### Conditions of instability

Avoid increased storage temperature.

### 10.3 Conditions to avoid

Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.

### 10.4 Incompatible materials

Reactive or incompatible with the following materials: oxidizing materials

### 10.5 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11-TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

|   |                   |
|---|-------------------|
| Acute toxicity                                  | not available.    |
| Skin corrosion/irritation                       | no data available |
| Serious eye damage/eye irritation               | no data available |
| Respiratory or skin sensitization               | no data available |
| Germ cell mutagenicity                          | no data available |
| Carcinogenicity                                 | no data available |
| Reproductive toxicity                           | no data available |
| Specific target organ toxicity -single exposure | no data available |
| Aspiration hazard                               | no data available |

## SECTION 12: ECOLOGICAL INFORMATION

|   |                   |
|---|-------------------|
| 12.1 Toxicity                           | no data available |
| 12.2 Persistence and degradability      | no data available |
| 12.3 Bio accumulative potential         | no data available |
| 12.4 Mobility in soil                   | no data available |
| 12.5 Results of PBT and vPvB assessment | no data available |
| 12.6 Other adverse effects              | no data available |

## SECTION 13: DISPOSAL CONSIDERATIONS

|                  |  |
|------------------|--|
| Small quantities | Wash to waste with warm water.             |
| Big quantities   | As domestic waste by the local regulation. |
| Package          | Recycle or according to local regulation.  |

## SECTION 14: TRANSPORT INFORMATION

|             |                |
|-------------|----------------|
| Road        | Non-hazardous  |
| Sea         | Non-hazardous  |
| Air         | Non-hazardous  |
| Specificity | Avoid humidity |

## SECTION 15: REGULATORY INFORMATION

|                         |                               |
|-------------------------|-------------------------------|
| Legislative information | according to local regulation |
|-------------------------|-------------------------------|

## **SECTION 16 OTHER INFORMATION**

The given information is based on our most current knowledge. Receive of our product is responsible for observing the existing local applicable laws and

- End of Material Safety Data Sheet