

## SAFETY DATA SHEET

## SHREDMASTER SYNTHETIC SHREDDER OIL

## VANGUARD INDUSTRIES INC.

Effective Date: 4-5-21

Email: ron@viscoinc.com

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE AND COMPANY

**PRODUCT NAME:** SHREDMASTER Synthetic Shredder Oil  
**CHEMICAL NAME & SYNONYMS:** Synthetic hydrocarbon  
**PROCESSORS NAME:** Vanguard Industries Inc 14610 Woodstock Blvd, Waverly NE 68462  
Office: 402-676-0535 Emergency: 402-676-0535  
Plant: 402-786-3013 Fax: 402-786-3060  
**CAS #:** Not Issued  
**CHEMICAL FAMILY:** Hydrocarbon  
**CHEMICAL FORMULA:** Not available

## SECTION 2 HAZARDS IDENTIFICATION

Not a hazardous substance or mixture according to OSHA HCS 2012.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENTS           | CAS NUMBER (Trade secret no.) | % BY WT. |
|-----------------------|-------------------------------|----------|
| SYNTHETIC HYDROCARBON | TRADE SECRET                  | 100      |

\*Non-hazardous substances.

The concentrations shown in the substance list are maximum or ceiling levels (weight %) to be used for calculations for regulations.

## SECTION 4: FIRST AID MEASURES

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists consult a specialist..

Skin contact: Wash off with soap and plenty of water while removing contaminated clothes and shoes. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen./ Call a physician immediately.

Ingestion: If swallowed, call a poison control center or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an

unconscious person.

## SECTION 5: FIREFIGHTING MEASURES

### FLAMMABLE PROPERTIES

|  |  |
|--|--|
| <b>Fire / explosion</b>                                      | Spontaneous combustion can occur should the product come into contact with hot fiber glass or mineral fiber insulation, especially when exposed to atmospheric oxygen. NFPA Class IIIB combustible liquid                      |
| <b>Suitable extinguishing media</b>                          | Water spray or fog, foam, dry chemical, CO2  |
| <b>Protective equipment and Precautions for firefighters</b> | In the event of fire and/or explosion do not breath fumes. Wear self - contained breathing apparatus for fire - fighting if necessary.   |
| <b>Further information</b>                                   | Keep containers and surroundings cool with water spray. Do not use a solid water stream as it may scatter and spread fore. Collect contaminated fore extinguishing water separately. This must not be discharged into drains.. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Methods and materials for containment and clean-up</b> | Ventilate the area. Contain spillage, and then collect with non-combustible absorbent material, (sand, earth, diatomaceous earth vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. |
|---|---|

## SECTION 7: HANDLING AND STORAGE

|   |  |
|---|--|
| <b>Safe handling advice:</b>                                  | Ensure all equipment is electrically grounded before beginning transfer operations. Keep away from sources of ignition – No smoking. Keep container tightly closed. The use of foam glass as an insulation material can reduce the risk of such spontaneous combustion. Insulation material soaked with the product must be replaced with new insulation material as soon as possible. |
| <b>Storage / Transport pressure Load / Unload temperature</b> | <b>Ambient<br/>Ambient</b>   |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|                             |   |
|-----------------------------|---|
| <b>ENGINEERING MEASURES</b> | Air contaminant levels should be controlled below the PEL or TLV for this product (see exposure guidelines). Provide adequate ventilation. Use explosion-proof electrical /ventilation/ lighting equipment. |
| <b>Skin</b>                 | Wear suitable protective clothing, gloves and eye / face protection   |
| <b>Inhalation</b>           | Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.                     |
| <b>EXPOSURE GUIDELINES</b>  | Contains no substances with occupational exposure limit values.   |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|   |                              |
|---|------------------------------|
| <b>Appearance</b>                             | Liquid                       |
| <b>Form</b>                                   | Liquid                       |
| <b>Color:</b>                                 | light brown oily             |
| <b>Odor:</b>                                  | Hydrocarbons                 |
| <b>Odor Threshold</b>                         | No data available            |
| <b>Flash Point</b>                            | 199° C , 390° F, COC         |
| <b>Solubility in water:</b>                   | None , insoluble             |
| <b>Specific gravity:</b>                      | NO data available            |
| <b>Melting point:</b>                         | No data available            |
| <b>Boiling point:</b>                         | 312 - 386° C , 594 -728°F    |
| <b>Auto-ignition temperature:</b>             | 357° C . 675° F              |
| <b>Flammability (solid, gas)</b>              | No data available            |
| <b>Flash point:</b>                           | 390° F                       |
| <b>Viscosity</b>                              | 1,872 cSt @ -40° C , -40° F. |
| <b>pH</b>                                     | no data available            |
| <b>Evaporation rate</b>                       | no data available            |
| <b>Partition coefficient: n-octanol/water</b> | no data available            |

## SECTION 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                       | Stable at normal ambient temperature and pressure   |
| <b>Chemical stability:</b>              | Stable if stored and applied as directed  |
| <b>Hazardous polymerization:</b>        | Will not occur.   |
| <b>Conditions to avoid:</b>             | Direct heating, dirt, chemical contamination, sunlight, UV or ionizing radiation.<br>Extremes of temperature and direct sunlight.   |
| <b>Hazardous decomposition products</b> | No decomposition if stored normally. Stable under normal conditions. Use at elevated temperatures can lead to thermal decomposition and the formation of low-boiling and high-boiling secondary products (e.g. hydrocarbons). During removal of low-boiling decomposition products from the system, appropriate risk management measures for flammable liquids must be applied. |
| <b>Materials to avoid</b>               | Strong oxidizing agents   |
| <b>Hazardous polymerization</b>         | None  |

## SECTION 11: TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Product Information:</b>              |   |
| <b>Acute oral toxicity:</b>              | LD50 rat: > 5,000 mg/kg   |
| <b>Acute inhalation toxicity:</b>        | no data available   |
| <b>Acute dermal toxicity:</b>            | LD50 rabbit: > 2,000 mg/kg  |
| <b>Skin irritation:</b>                  | Average score: 0.8 (mild irritant).   |
| <b>Eye irritation:</b>                   | no data available   |
| <b>Respiratory or skin sensitization</b> | no data available   |
| <b>Germ cell mutagenicity</b>            | Genotoxicity in vitro: no data available<br>Genotoxicity in vivo: no data available             |
| <b>Reproductive toxicity</b>             | Reproductive toxicity: no data available<br>Assessment reproductive toxicity: no data available |

|                               |   |
|-------------------------------|---|
|                               | Teratogenicity: no data available   |
|                               | Assessment teratogenicity: no data available  |
| <b>STOT-single exposure</b>   | no data available   |
| <b>STOT-repeated exposure</b> | no data available   |
| <b>Aspiration toxicity</b>    | no data available   |
| <b>Carcinogenicity</b>        | <b>Assessment carcinogenicity:</b><br>Contains no ingredient listed as a carcinogen |

## SECTION 12: ECOLOGICAL INFORMATION

|  |  |
|--|--|
| <b>Biodegradation:</b>                           | Biodegradable, but at slow rates due to its low solubility in water. |
| <b>Fish toxicity:</b>                            | no data available  |
| <b>Aquatic invertebrates toxicity:</b>           | no data available  |
| <b>Algae toxicity:</b>                           | no data available  |
| <b>Chronic toxicity to fish</b>                  | no data available  |
| <b>Chronic toxicity to aquatic invertebrates</b> | no data available  |
| <b>Bacteria toxicity:</b>                        | no data available  |
| <b>Bioaccumulation</b>                           | no data available  |
| <b>Mobility in soil</b>                          | no data available  |
| <b>Other adverse effects</b>                     | no data available  |

## SECTION 13: DISPOSAL CONSIDERATIONS

|                         |   |
|-------------------------|---|
| <b>Waste code:</b>      | Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, dispose of in accordance with state and federal (40 CFR 262) hazardous waste regulations |
| <b>Disposal methods</b> | Dispose of in accordance with local, state and federal regulations.   |

## SECTION 14: TRANSPORTATION INFORMATION

|              |                |
|--------------|----------------|
| <b>DOT:</b>  | Not restricted |
| <b>IATA:</b> | Not restricted |
| <b>IMDG:</b> | Not restricted |

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

|  |  |
|--|--|
| <b>OSHA Hazards (HCS 1994)</b>                           | Non-hazardous substance  |
| <b>TSCA Inventory Listing</b>                            | This product is listed on the TSCA Inventory   |
| <b>SARA 302 STATUS</b>                                   | No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302 |
| <b>SARA 313/312 Classification</b>                       | Non-hazardous substance  |
| <b>U.S. EPA CERCLA Hazardous Substances (40 CFR 302)</b> |  |
|  | <b>Components:</b> none  |
| <b>California Prop 65:</b>                               | <b>Components:</b> none  |

## **INTERNATIONAL REGULATIONS**

|  |   |            |
|--|---|------------|
| <b>WHMIS CLASSIFICATION</b>  | WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria.              |            |
| EUROPEAN UNION   | The product does not need to be labelled in accordance with EC directives or respective national laws |            |
| AUSTRALIA. INVENTORY OF CHEMICAL SUBSTANCES (AICS)                     |   | LISTED     |
| JAPAN. INVENTORY OF EXISTING OF EXISTING & NEW CHEMICAL SUBSTANCES     |   | LISTED     |
| JAPAN. INDUSTRIAL SAFETY & HEALTH LAW (ISHL) INVENTORY                 |   | NOT LISTED |
| CANADA. DOMESTIC SUBSTANCES LIST (DSL) INVENTORY                       |   | NOT LISTED |
| CANADIAN NON-DOMESTIC SUBSTANCE LISTING (NDSL)                         |   | LISTED     |
| EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) |   | LISTED     |
| PHILIPPINES. INVENTORY OF CHEMICALS / CHEMICAL SUBSTANCES (PICCS)      |   | NOT LISTED |
| KOREA. EXISTING CHEMICALS INVENTORY (KECI)                             |   | NOT LISTED |
| CHINA. INVENTORY OF EXISTING CHEMICAL SUBSTANCES (IECSC)               |   | LISTED     |
| MEXICO. NATIONAL INVENTORY OF CHEMICAL SUBSTANCES (INSQ)               |   | NOT LISTED |
| NEW ZEALAND. INVENTORY OF CHEMICALS (NZIoC)                            |   | NOT LISTED |
| SWITZERLAND. INVENTORY OF NOTIFIED NEW SUBSTANCES (CHINV)              |   | LISTED     |
| TAIWAN. NATIONAL EXISTING CHEMICAL INVENTORY (NECI)                    |   | LISTED     |

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## **SECTION 16: OTHER INFORMATION**

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Hazardous Material Information System (HMIS)

|      | HEALTH | FLAMMABILITY | PHYSICAL HAZARD / INSTABILITY |
|------|--------|--------------|-------------------------------|
| HMIS | 1      | 1            | 0                             |
| NFPA | 1      | 1            | 0                             |

**Date of Issue:** 5/26/2015

**Date of previous issue:**

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.