

Material Safety Data Sheet



Issue Date: 14/02/20

Section 1: Identification

1.1 Product Identifier

- Nv EVO

1.2. Details of the Supplier

- **Manufacturer & Supplier:** Nv Car Care
- **Address:** 34b, Trade Park Drive, Tullamarine, 3043, Victoria, Australia
- **Contact:** +61 493 302 177

Hazard(s) Identification

2.1. Hazard Classification:

- **Flammable Liquid:** Category 4
- **Acute Toxicity (Oral/Skin):** Category 5
- **Acute Toxicity (Inhalation):** Category 5
- **Skin Corrosive / Irritation:** Category 3
- **Serious eyes damage/Eyes Irritation:** Category 2B
- **Reproduction Toxicity:** Category 2
- **Specification target (internal organs) whole toxicity (single exposure):** Category 2 (systemic toxicity, lungs)
- **Specific target (internal organs) whole toxicity (repeat exposure):** Category 2 (systemic toxicity, lungs)

2.2. Hazard Statements:

- **H227:** Combustible liquid
- **H303:** Maybe be harmful if swallowed orally
- **H333:** May be harmful if inhaled (vapor, mist)
- **H316:** Causes mild skin irritation
- **H320:** Causes eye irritation
- **H361:** Suspected of damaging fertility or the unborn child
- **H371:** May cause damage to systemic toxicity, lungs.
- **H373:** May cause damage to systemic toxicity, lungs through prolonged exposure

2.3. Precautionary Statements

- **P202:** Do not handle until all safety precautions have been understood
- **P210:** Keep away from open flames, ignition sources, or hot surfaces - ensure no smoking in area
- **P233:** Keep container tightly closed
- **P264:** Wash hands thoroughly after handling
- **P270:** Do not eat, drink or smoke when using this product
- **P273:** Avoid release to the environment
- **P280:** Wear protective gloves, clothing, eye and face protection

Composition/information on ingredients

3.1. Composition of Chemical

- **Single substance or Compound:** Compound
- **Chemical composition:**

| Common Chemical Name | Cas No | Content (%) |
|----------------------------|------------|-------------|
| Silicone Oligomer | 68037-85-4 | 85.70 |
| Paraffin | 8042-47-5 | 13.37% |
| Aluminium-chelate compound | 80481-35-2 | 0.8% |
| Diamond (Nano) | 7782-40-3 | 0.12% |
| Dispersing Agents | 25133-97-5 | 0.01% |

First-aid measures

4.1. Description of First Aid Measures

- **Inhalation:** If inhaled directly, remove yourself from the immediate area and get some fresh air. If symptoms worsen, seek medical attention.
- **Skin Contact:** Wipe affected area, and remove product from skin with a dry cloth/towel. Wash the exposed area thoroughly with suitable soap and water. If symptoms worsen, seek medical attention.
- **Eye Contact:** Flush out affected eye(s) immediately with plenty of water for 10-15 minutes, and promptly alert a physician.
- **Ingestion:** Wash mouth out with water immediately, provided the person is conscious. If unconscious, call a physician immediately, never give anything by mouth to an unconscious person.

Fire-fighting measures

5.1. Extinguishing Media

- Extinguish product with a dry chemical powder, foam or carbon dioxide

5.2. Prohibited Media:

- Water

5.3. Fire or Special Hazards

- Product may cause toxic vapor or gas whilst heating, or by fire and/or combustion

5.4. Advice for Firefighters

- Move product away from fire if there is no danger

Accidental release measures

6.1. Personal Precautions

- Ensure protective clothing is worn
- If insufficient ventilation is evident, ensure suitable respiratory equipment is used.
- Avoid contact with skin and eye
- Prohibit unauthorised access

6.2. Environmental Precautions

- Prevent spills from entering any watercourses, sewers or running down to lower areas.

6.3. Methods and Materials for Clean-up

- Stop the flow of material if possible without risk
- If possible, prevent the spills from spreading or entering any watercourses
- Cover with plastic sheet to prevent diffusion
- Absorb the product using non-combustible material such as ash, sand, soil, etc. and put in a container for disposal.
- After the spill has been properly taken up, wash the area thoroughly with appropriate detergents & water.
- Put all waste in a suitable container/bag and dispose appropriately
- Remove, clean and/or dispose of contaminated clothing.

Handling and storage

7.1. Advice for safe handling

- Handle only in an area that provided suitable ventilation
- When handling, avoid contact with eyes, skin & clothing.
- Keep the product away from heat or high temperatures.
- Avoid prolonged, or excessive/repeated exposure.

- Do not take food or drink in the area when working
- Ensure the material is handled with suitable protection
- Wash hands thoroughly after use

7.2. Advice for safe storage

- Store the material in a well ventilated, cool and dry space that is away from direct sunlight
- Ensure material is kept away from heat, sparks, open flames, or other ignition sources
- Keep the bottle/container tightly closed when stored - and keep in original container

Exposure controls / personal protection

8.1. Equipment Measures

- Use ventilating equipment and local exhaust ventilation
- Ensure an eye wash facility is in close proximity

8.2. Personal Protection

- **Respiratory Protection:** Wear respiratory protection if necessary
- **Hand Protection:** Suitable, impervious gloves
- **Eye Protection:** Wear appropriate eye protection
- **Skin Protection:** Utilise suitable protective clothing

8.3. Control Parameter

- Working Environment Measurement Standards

Physical and chemical properties

9.1. Information on physical and chemical properties

- **Boiling Point:** No data
- **p H:** No data
- **Flash Point:** 110°C(Open Cup).
- **Density:** 1.02 (20°C).
- **Solubility in water:** water-insoluble
- **Appearance (colour):** Clear/Grey
- **Appearance (form):** Liquid
- **Odor:** Slight odor

Stability and reactivity

10.1. Chemical Stability & Reactivity

- Stable and non-reactive under normal conditions of use, storage and transport.

10.2. Conditions to avoid

- Avoid using the product in direct sunlight, high temperatures or high humidity

10.3. Incompatible materials

- Water and strong oxidising compounds

10.4. Hazardous decomposition products

- This material can react slowly with water to create methanol (hydrolysis)
- This product can create hazardous decomposition products such as carbon monoxide, carbon dioxide and silicon dioxide when heated or combusted.

Toxicological information

11.1. Information on toxicological effects

- **Acute toxicity data:** Category 5 (Silicone oligomer)
- **Irritation data:** Category 3 (Decomposition product : Methanol)
- **Serious Eye damage:** Category 2B (Decomposition product : Methanol).
- **Carcinogenicity:** No data
- **Reproductive toxicity:** Category 2 (Decomposition product : Methanol).
- **Specific Target Organ Systemic:** It may affect the lungs

Ecological information

12.1. Persistence and degradability

- **Ecotoxicity:** Methanol (Decomposition product)
 - Fish (Fathead Minnow) LC50 (96hr) > 100mg / L
 - Fish (Daphnia Magna) EC50 (48hr) > 10,000mg / L
- **Ecotoxicity:** No Data
- **Biodegradation:** No Data
- **Bioaccumulation:** No Data
- **Aquatic Toxicity:** No Data
- **Other Information:** No Data

Disposal Information

13.1. Waste treatment methods

- Do not allow this material to enter drains, waterways or sewers
- Wear protective clothing & gloves if necessary
- Ensure that any disposal practice must be in compliance with the users country, state, local & federal laws and regulations.
- Residue can be disposed of through incineration. Incinerators need to be appropriately equipped to tackle silica and other fine powders that will generate through incineration.

Transport Information

14.1. Land Transport (ADR/RID)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

14.2. Marine Transport (Refer to IMO)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

14.3. Air Transport (Refer to ICAO/IATA)

- **UN Number:** Not applicable.
- **UN Proper Shipping Name:** Not applicable.
- **Transport Hazard Class(es):** Not applicable.
- **Packing Group:** Not applicable.

Regulatory information

15.1. Safety, health and environmental regulations/legislation

- Non-correspondence

Other information

This information is only concerning the above-mentioned product, and will not be valid if this material is used with others, or processes. This information presented is our current best knowledge regarding the precautions & safety of this product, and is given with good faith without warranty. It still remains the user's responsibility to ensure that the information provided is appropriate for them.