



Version: MSDS/G/1/April 2018

Creation date: 20/04/2018

Revision date: Nil

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT NAME	VELVEX CALCIUM SULPHONATE GREASE NLGI 2
CHEMICAL NAME	Lubricating GREASE
MANUFACTURER	Nandan Petrochem Limited, B-601 Lotus corporate park, Ram Mandir Lane, Jay coach Junction, Western express highway, Goregaon(E) Mumbai-400063 Ph: 022-42577200, E Mail :- info@ nandangroup.com

2. Composition and Ingredients

Components	CAS no.	Range in %
Highly Refined Mineral base Oil	64742-56-9	50-60
Overbase calcium sulphonate & performance additive	Proprietary Mixture	50-40

3. Health Information

Main hazards	Not a dangerous preparation according to 1999/45/EC
Adverse human health effects	None under normal conditions
Environmental hazards	No specific risk for the environment
Eyes	Not expected to present a significant eye contact hazard under anticipated conditions of normal use
Oral	Ingestion of this product and subsequent vomiting can result in aspiration into the lungs, causing chemical pneumonia and lung damage
Inhalation	Not expected to present a significant inhalation hazard under anticipated conditions of normal use
Skin	Not expected to present a significant skin hazard under anticipated conditions of normal use
Note	Handle material in pressure equipment with care. Accidental injection can cause serious tissue damage. Please refer to section 4 (First Aid Measures) of this Safety Data Sheet



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4. First Aid Measures

Eyes	Flush eyes immediately with fresh water for several minutes while holding the eyelids open. If irritation persists, see a doctor
Skin	Wash skin thoroughly with soap and water. If skin irritation persists or a rash develops as a result of excessive contact, see a doctor. Launder contaminated clothing
Ingestion	Do not induce vomiting. Seek medical attention immediately.
Inhalation	Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.
Advice to Doctor	Treat Symptomatically
General information	High Pressure Applications: Accidental high-velocity injection under the skin of material of this may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first, but, within 24 hours, there is usually extensive swelling, discoloration and intense pain in the affected part. Requires immediate treatment at a surgical emergency center; else disfigurement or amputation of the affected part may occur. Treatment may include 1) surgical decompression, debridement and drainage, 2) broad-spectrum antibiotic and 3) anti-inflammatory

5. Fire Fighting Measures

Suitable extinguishers	Water fog. Carbon dioxide .Dry chemical. Foam
Extinguishers not to be used	Do not use a heavy water stream
Surrounding fires	Use water spray or fog for cooling exposed containers
Special exposure hazards	None under normal conditions
Protection against fire	None under normal conditions. See also hazardous reactions
Special procedures	None identified

6. Accidental Release Measures

Personal Precautions	Keep public away from danger area. Wear recommended personal protective equipment. Equip cleanup crew with proper protection
Environmental precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
After spillage and/or leakage	Sweep or shovel spills into appropriate container for disposal. Cover spills area with oil adsorbent. Spill area may be slippery.
After spillage and/or leakage-on soil	May require excavation of contaminated soil



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7. Handling and Storage

General	No naked lights. No smoking. Direct sunlight and heat sources to be avoided. Keep away from sources of ignition.
Precautions in handling and storage	Handle in accordance with good industrial hygiene and safety procedures.
Storage	Keep container closed when not in use. Keep only in the original container in a cool, well-ventilated place. Keep at temperature not exceeding 45°C.
Handling	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure Control/Personal Protection

Personal Protection

Respiratory Protection	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation
Hand Protection	Use neoprene or rubber gloves
Eyes	Safety glasses
Skin	No special clothing/skin protection equipment is recommended under normal conditions of use. In case of possible repeated skin contact wear protective clothing
Industrial Hygiene	Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure
Occupational Exposure Limits	None established



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9. Physical and Chemical Properties

Physical State	Semi-Solid
Color	Dark brown
Odor	Mild
Dropping Point, °C	>300
Penetration at 25°C, worked (60X)	265 – 295
Solubility in Water	Negligible
Flash Point, °C, ASTM D 92	200 Min. (Based on Mineral oil)

10. Stability and Reactivity

Physico-chemical stability	Stable
Conditions to avoid	Open flame. Direct Sunlight. Overheating.
Material to Avoid	Oxidizing
Hazardous decomposition Products	Carbon dioxide. Carbon Monoxide
Hazardous reactions	None Under normal conditions
Hazardous Polymerization	Will not occur

11. Toxicological Information

Acute toxicity	Not expected to be toxic
Inhalation	Practically non-toxic at normal conditions of usage. May cause respiratory irritation following prolonged or repeated inhalation of excessive oil mist and vapors.
Dermal	Not expected to be a primary skin irritant. Prolonged or repeated exposure may lead to dermatitis.
Ocular	Repeated exposure may cause a slight irritation.
Ingestion	Practically non-toxic if ingested in small doses. Larger quantities may cause nausea and diarrhea.
Chronic toxicity	Not expected to be toxic
Sensitization	No sensitization effects known
Carcinogenicity	No data available. The ingredients used in this preparation have not been listed in the US National Toxicology Program (NTP) nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans
Mutagenicity	Not expected to be mutagenic hazard



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12. Ecological Information

Environmental Effects	Adverse effects to the environment are not expected from this product
Persistence and Degradability	Inherently Bio-degradable
Bio accumulative Potential	Not determined
Mobility soil	No data available

13. Disposal Considerations

Waste Disposal	Dispose in safe manner in accordance with local/national regulations
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14. Transport Information

Transportation of Dangerous	Not Applicable
UN Number	Not Applicable
Dangerous Goods Class	Not applicable
Hazchem Code	Not applicable
Additional Information	None Determined

15. Regulatory Information

EC labeling	Not classified
Regul.EINECS	All components are in compliance with the EC Seventh amendment Directive 92/32/EEC
SARA-USA	Section 311 and 312 hazards classification (S): none
US Toxic Substances Control Act –TSCA	Incompliance

16. Other Information — No specific notes on this product.

Note: The above data is based on the information presently available to us. The data provided is without any warranty, express or implied, regarding its reactions and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assure liability for loss, injury, damage or expense resulting from improper use of this product.