

## Material Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT NAME	<b>VELVEX ZOOM PREMIUM 4T 20W-40 API SM</b>
CHEMICAL NAME	<b>Motor Cycle Engine Oil</b>
MANUFACTURER	<b>Nandan Petrochem Limited, B-601 ,Lotus corporate Park ,Ram Mandir Lane ,Jay Coach Junction ,Western Expres Highway,Goregaon East,Mumbai-400063 <a href="tel:91-22-42577200,022-32031075">Tel:91-22-42577200,022-32031075</a>, Emergency No. 022-42577200 Email:<a href="mailto:info@nandangroup.com">info@nandangroup.com</a></b>

### 2. Composition and Ingredients

Components	CAS no.	Range in %
<b>Highly Refined Mineral base Oil</b>	Proprietary	90 to 95 %
<b>Zinc Dialkyl Dithiophosphate</b>	68649-42--3	0.50 to 1.0 %
<b>Alkaryl Amine</b>	Proprietary	0.50 to 1.0 %

### 3. Health Information

<b>Main hazards</b>	Not a dangerous preparation according to 1999/45/EC
<b>Most important adverse physicochemical effects</b>	No adverse hazards
<b>Most important adverse human health effects</b>	None under normal conditions
<b>Most important adverse environmental effects</b>	Harmful to aquatic organisms ,may cause long-term adverse effects in the aquatic environment
<b>Symptoms relating to uses and possible misuses of the preparation</b>	None Under Normal condition
<b>Other hazards</b>	Avoid prolonged contact with used oil. Overexposure to oil mist cause respiratory irritations .oil mist deposited on surfaces may cause slip hazard

### 4. First Aid Measures

<b>Eyes</b>	Flush eyes immediately with fresh water for several minutes while holding the eyelids open. If irritation persists, see a doctor
<b>Skin</b>	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
<b>Ingestion</b>	Do not induce vomiting. Seek medical attention immediately.
<b>Inhalation</b>	Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.
<b>Advice to Doctor</b>	Treat Symptomatically
<b>General information</b>	If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice

### 5. Fire Fighting Measures

<b>Suitable extinguishers</b>	Water fog, carbon dioxide .Dry chemical .Foam
<b>Extinguishers not to be used</b>	Do not use a heavy water stream
<b>Surrounding fires</b>	Use water spray or fog for cooling exposed containers
<b>Special exposure hazards</b>	None under normal conditions
<b>Combustion products / result in 1g gases</b>	Under fire conditions ,hazardous fumes will be present
<b>Special protective equipment for fire fighters</b>	Fire –fighters should use standard protective equipment and in enclosed spaces, self –contained breathing apparatus (SCBA)

#### 6. Accidental Release Measures

<b>Personal Precautions</b>	Keep public away from danger area. Wear recommended personal protective equipment. Equip cleanup crew with proper protection
<b>Environmental precautions</b>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
<b>Cleaning methods</b>	Clean up any spills as soon as possible, using an absorbent material to collect it. Collect spills and put it into appropriated container. Use suitable disposal containers. Recover the cleaning water for disposal. Spill area may be Slippery

#### 7. Handling and Storage

<b>General</b>	No naked lights. No smoking. Keep away from sources of ignition.
<b>Precautions in handling and storage</b>	Handle in accordance with good industrial hygiene and safety procedures.
<b>Storage</b>	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.
<b>Handling</b>	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
<b>Specific Use(s)</b>	Engine Oil

#### 8. Exposure Control/Personal Protection

<b>Exposure limit values</b>	According to TWA (TLV) ACGIH : 3 mg/m <sup>3</sup> for oil mist
<b>Respiratory Protection</b>	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation
<b>Hand Protection</b>	Use neoprene or rubber gloves
<b>Eyes</b>	Safety glasses
<b>Skin</b>	No special clothing/skin protection equipment is recommended under normal conditions of use.
<b>Specific hygiene measures</b>	Provide local exhaust or general room ventilation to minimize dust and/or vapour 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
<b>Environmental exposure controls</b>	See sections 6,7,12 , 13

#### 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Colour,ASTM D 1500</b>	Typical 3.0
<b>Odour</b>	Mild
<b>Pour Point ,°C,Min</b>	(-)21
<b>K.V.@100°C,cSt</b>	14.0– 15.5
<b>Flash Point ,°C,COC,Min.</b>	200

#### 10. Stability and Reactivity

<b>Stability of the preparation</b>	Stable under normal condition
<b>Hazardous reactions</b>	None under normal conditions
<b>Conditions to Avoid</b>	Open flame.Sparks.Overheating
<b>Materials to avoid</b>	Oxidizing agents.Strong acids.bases.
<b>Hazardous decomposition products</b>	None Under normal conditions

#### 11. Toxicological Information

<b>Routes of exposure Acute Effects</b>	Inhalation ,ignition,skin contact ,eye contact
<b>Inhalation</b>	Practically non toxic at normal conditions of usage. May cause respiratory irritation following prolonged or repeated inhalation of excessive oil mist and vapours.
<b>Ingestion</b>	Practically non toxic if ingested in small doses. Larger quantities may cause nausea and diarrhea.
<b>Skin contact</b>	Not expected to be a primary skin irritant. Prolonged or repeated exposure may lead to dermatitis.
<b>Eye Contact</b>	May cause mild,short-lasting discomfort to eyes.Based on test data for structurally similar materials.
<b>Sensitization</b>	No sensization effects known
<b>Repeated dose toxicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>Mutagenicity</b>	Not expected to be mutagenic hazard

#### 12. Ecological Information

<b>Environmental Effects</b>	Harmful to aquatic orgisms,may cause long-term adverse effects in the aquatic environment
<b>Ecotoxicity</b>	No expected to be toxic
<b>Mobility soil</b>	No data available
<b>Persistence and degradability</b>	Base component –Expected to be inherently biodegradable
<b>Bioaccumulative Potential</b>	Not determined
<b>Other adverse effects</b>	None identified

#### 13. Disposal Considerations

<b>Waste Disposal</b>	Dispose in safe manner in accordance with local/national regulations
<b>Waste-disposal</b>	See Directive 2001/118/EC

<b>procedures</b>	
<b>Contaminated Packaging</b>	Do not attempt to refill or clean containers without proper instructions. Do not cut, pressurize, weld, braze, solder, drill, grind or expose such containers to the heat, flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death

#### 14. Transport Information

<b>Transportation of Dangerous</b>	Not Applicable
<b>UN Number</b>	Not Regulated
<b>Dangerous Goods Class</b>	Not applicable
<b>Hazchem Code</b>	Not applicable
<b>Additional Information</b>	None Determined

#### 15. Regulatory Information

<b>Symbol (s)</b>	None
<b>R-Phrases (s)</b>	R 52/53 Harmful to aquatic organisms ,may cause long term adverse effects in the aquatic environment
<b>S Phrase (s)</b>	S35: This material and its container must be disposed of in a safe way , S56: Dispose of this material and its container to hazardous or Special waste collection point S59:Refer to manufacturer /Supplier for information on recovery /recycling

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

<b>Note:</b> 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.
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