

Issuing Date 25-Aug-2014

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Revision Number 2

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product Code(s) 356  
 Product Name V-2® PLUS  
 Synonyms V-2 Pipe Thread Sealant Fed Spec TT-S-1732

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricants, Greases and Release Products, metal surface treatment product  
 Uses advised against No information available

### 1.3. Details of the supplier of the safety data sheet

<b>Importer</b>	<b>Company</b>
Jet-Lube (UK) Ltd	Jet-Lube LLC
Jet-Lube House	930 Whitmore Drive
Reform Road	Rockwall Texas, USA
Maidenhead	75087
Berkshire UK	TEL: +1-(713)-670-5700 (8 - 5pm CST)
SL6 8BY	
TEL: 44 1628-631913 (8:00 a.m. - 5:00 p.m.)	

### For further information, please contact

E-mail Address [thomas.hansen@jetlubecanada.com](mailto:thomas.hansen@jetlubecanada.com)

### 1.4. Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
 1-800-424-9300 (NORTH AMERICA)

Europe	112
United Kingdom	NHS Direct (UK): +44 0845 46 47

## Section 2. Hazards identification

### 2.1. - Classification of the substance or mixture

#### REGULATION (EC) No 1272/2008

Serious Eye Damage/Eye Irritation	Category 2A - (H319)
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#### Physical Hazards

None
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### 2.2. Label Elements



**Signal Word****Warning****Hazard Statements**

H319 - Causes serious eye irritation

**Precautionary Statements**

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/ attention

**2.3. Other information****Section 3. Composition/information on ingredients****3.1. Substances**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Mixed Resins in 4-hydroxy-4-methylpentan-2-one	-	-	23-27	Eye Irrit. 2 (H319)	No data available
Bentonite	215-108-5	1302-78-9	7-10	Aquatic Chronic 4 (H413)	No data available
1,3,4-Thiadiazole, 2,5-bis(octyldithio)-	236-912-2	13539-13-4	<1	Skin Sens. 1 (H317)	No data available

**For the full text of the H-Statements mentioned in this Section, see Section 16**

**Section 4. First aid measures****4.1. Description of first-aid measures****General Advice**

If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing.

**Eye Contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Ingestion**

Rinse mouth. Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Inhalation**

Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

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**Protection of First-aiders** Use personal protective equipment.

**4.2. Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms/Effects** No information available.

**4.3. Indication of immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## Section 5. Fire-fighting measures

**5.1. Extinguishing media**

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol-resistant foam.

**Extinguishing media which must not be used for safety reasons**

No information available.

**5.2. Special hazards arising from the substance or mixture**

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).  
Halogenated compounds

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

## Section 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment.

**6.2. Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**6.3. Methods and materials for containment and cleaning up**

Take up mechanically and collect in suitable container for disposal.

**6.4. Reference to other sections**

See Section 12 for additional information.

## Section 7. Handling and storage

**7.1. Precautions for Safe Handling**

**Handling**

Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product. Use only in area provided with appropriate exhaust ventilation.

**Hygiene Measures**

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

**7.3. Specific end use(s)****Exposure Scenario**

No information available.

**Other Guidelines**

No information available.

**Section 8. Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Derived No Effect Level**

No information available

**Predicted No Effect Concentration (PNEC)**

No information available.

**8.2. Exposure controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment****Eye Protection**

Tightly fitting safety goggles.

**Skin and Body Protection**

Long sleeved clothing.

**Hand Protection**

Impervious gloves. Nitrile rubber. Viton (R). Neoprene.

**Respiratory Protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental Exposure Controls**

Do not allow material to contaminate ground water system.

**Section 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical State**

Gel.

**Appearance**

Cream to Beige

**Odor**

Pungent, Slight.

**Property****Values****Remarks/ - Method****pH**

Neutral

None known

**Melting Point/Range**

&gt; 149 °C / 300 °F

None known

**Boiling Point/Boiling Range**

No data available

None known

**Flash Point**

&gt; 113 °C / 235 °F

None known

**Evaporation rate**

No data available

None known

**Flammability (solid, gas)**

No data available

None known

**Vapor Pressure**

No data available

None known

**Vapor Density**

No data available

None known

**Relative Density**

1.31

None known

**Water Solubility**

Insoluble in water.

None known

**Solubility in other solvents**

Completely soluble

None known

**Partition coefficient: n-octanol/water**

No data available

None known

**Autoignition Temperature**

No data available

None known

**Decomposition Temperature**

No data available

None known

**Viscosity**

No data available

None known

**Explosive Properties**

No information available

**Oxidizing Properties**

No information available

**9.2. Other information**

VOC Content (%) 130-207 g/L  
 Flammability Limits in Air No information available.

## Section 10. Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

None under normal use.

## Section 11. Toxicological information

### 11.1.

#### Acute Toxicity

##### Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

##### Inhalation

There is no data available for this product.

##### Eye Contact

Irritating to eyes. Causes serious eye irritation.

##### Skin Contact

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

##### Ingestion

Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bentonite	> 5000 mg/kg ( Rat )		

#### Sensitization

No information available.

#### Mutagenic Effects

No information available.

#### Carcinogenic Effects

No information available.

#### Reproductive Toxicity

No information available.

#### Developmental Toxicity

No information available.

#### STOT - single exposure

No information available.

#### STOT - repeated exposure

No information available.

##### Target Organ Effects

Central vascular system (CVS). Eyes. Lungs. Respiratory system.

#### Aspiration Hazard

No information available.

## Section 12. Ecological information

### 12.1. Toxicity

#### Ecotoxicity Effects

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

Bentonite		LC50 96 h: 8.0-19.0 g/L (Salmo gairdneri) LC50 96 h: = 19000 mg/L static (Oncorhynchus mykiss)		
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**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential.**

No information available.

**12.4. Mobility in soil**

Adsorbs on soil.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

This product does not contain any known or suspected endocrine disruptors.

## Section 13. Disposal considerations

**13.1. Waste treatment methods****Waste from Residues / Unused Products**

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations

**Contaminated Packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other Information**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14. Transport information

**IMDG/IMO**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.
<b>14.3. Hazard Class</b>	Not regulated.
<b>14.4. Packing Group</b>	Not regulated.
<b>Description</b>	Not applicable.
<b>14.5. Marine Pollutant</b>	None.
<b>Environmental hazard</b>	None.
<b>14.6. Special Provisions</b>	None.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.

**RID**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.

14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

**ADR**

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

**ICAO**

14.1. UN-Number	Not regulated.
14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

**IATA**

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None.
14.6. Special Provisions	None.

<b>Section 15. Regulatory information</b>
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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**WGK Classification**                      Water endangering class = nwg not water endangering

**International Inventories**

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Not determined
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

**15.2. Chemical Safety Assessment**

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No information available

### Section 16. Other information

**Full text of H-Statements referred to under sections 2 and 3**

H319 - Causes serious eye irritation

H413 - May cause long lasting harmful effects to aquatic life

H317 - May cause an allergic skin reaction

**Key literature references and sources for data**[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)**Issuing Date** 25-Aug-2014**Revision Date** 07-June-2017**Revision Note** Section: 2

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet