



A CSW Industrials Company

# SAFETY DATA SHEET

This SDS conforms to REACH SDS CLP regulation 2015/830.

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Revision Number 1



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

### 1.1. Product identifier

**Product Code(s)** 169  
**(M)SDS Number** WPS-JLI-098CLP  
**Product Name** JET-LUBE® NCS-30™  
**Chemical name**  
**Synonyms** NCS-30™

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

**Recommended Use** Sealant. Lubricants, Greases and Release Products.  
**Uses advised against** No information available.

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

**Supplier Address** Jet Lube LLC  
930 Whitmore Drive  
Rockwall, Texas USA 75087  
**Supplier Phone Number** US Office: Phone:+1-972-771-1000 Fax:+1-972-722-2108  
**Supplier Email** Sales@jetlube.com

<b>Importer</b>	<b>Manufacturer</b>
Jet-Lube (UK) Ltd City Park, Watchmead Welwyn Garden City, Hertfordshire AL7 1LT United Kingdom	Jet Lube LLC 930 Whitmore Drive Rockwall, Texas USA 75087

For further information, please contact.

**Responsible Persons** Regulatory & Laboratory Team Member(s)  
**E-mail Address** regulatory@jetlube.com  
**Non-Emergency Telephone**



**Number** +44 (0) 1707 379870 (Whitmore UK)  
+1-972-771-1000 (USA Office)

#### 1.4. Emergency telephone number

**Emergency Telephone Number** 44 1628-631913

<b>Emergency telephone §45 - (EC)1272/2008</b>	
<b>Europe</b>	112
<b>Austria</b>	Poison Information Center (AT): +43-(0)1-406 43 43
<b>Belgium</b>	Poison Center (BE): +32 70 245 245
<b>Denmark</b>	Poison Control Hotline (DK): +45 82 12 12 12
<b>Finland</b>	Poison Information Centre (FI): +358 9 471 977
<b>France</b>	ORFILA (FR): + 01 45 42 59 59
<b>Germany</b>	Poison Center Berlin (DE): +49 030 30686 790 (24 h service, Advice in German and English)
<b>Ireland</b>	National Poisons Information Centre (IE): +353 1 8379964
<b>Italy</b>	Poison Center, Milan (IT): +39 02 6610 1029
<b>Netherlands</b>	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
<b>Norway</b>	Poisons Information (NO): + 47 22 591300
<b>Poland</b>	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97
<b>Portugal</b>	Poison Information Center (PT): +351 21 330 3284
<b>Spain</b>	Poison Information Service (ES): +34 91 562 04 20
<b>Sweden</b>	Poisons Information Center (SV): +46 8 33 12 31
<b>Switzerland</b>	Poison Center (CH): Tel 145: +41 44 251 51 51
<b>United Kingdom</b>	NHS Direct (UK): +44 0845 46 47

## Section 2: Hazards Identification

### 2.1. Classification of the substance or mixture

#### **Regulation (EC) No 1272/2008**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

#### **Precautionary Statements - EU (§28, 1272/2008)**

P201 - Obtain special instructions before use

P281 - Use personal protective equipment as required

### 2.3. Other hazards

No information available

## Section 3: Composition/Information



**3.1 Substances**

Chemical Name	EC No	CAS-No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Reg. No.
Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.	278-011-7	74869-21-9	50-60	No data available	No data available
Calcium fluoride	232-188-7	7789-75-5	25-35	Not hazardous	01-2119491248-30
Calcium sulfate	231-900-3	7778-18-9	5-10	No data available	01-2119444918-26-XXXX
Talc	-	14807-96-6	3-5	No data available	01-2120140278-58
Calcium carbonate	207-439-9	471-34-1	2-5	No data available	EXEMPT Article 2 (7)(B)
Titanium dioxide	236-675-5	13463-67-7	3-5	No data available	01-2119489379-17

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

<b>Symptoms</b>	No information available.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to physicians</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the
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surrounding environment.

**Unsuitable extinguishing media** No information available.

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

#### **Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

### **6.2. Environmental precautions**

**Environmental precautions** Should not be released into the environment. See Section 12 for additional Ecological Information.

### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **Section 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

### **7.3. Specific end use(s)**

**Risk Management Methods (RMM)** The information required is contained in this Material Safety Data Sheet.

## **Section 8: Exposure control/personal protection equipment**



**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

Chemical Name	EU	United Kingdom	France	Spain	Germany
Calcium fluoride 7789-75-5	TWA: 2.5 mg/m <sup>3</sup> (as F)	TWA: 2.5 mg/m <sup>3</sup> (as F) STEL: 7.5 mg/m <sup>3</sup> (as F)	VME: 2.5 mg/m <sup>3</sup> (as F)	VLA-ED: 2.5 mg/m <sup>3</sup> (as F)	TWA: 1 mg/m <sup>3</sup>
Calcium sulfate 7778-18-9	-	-	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>
Talc 14807-96-6	-	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	-	TWA: 2 mg/m <sup>3</sup>	-
Calcium carbonate 471-34-1	-	-	TWA: 10 mg/m <sup>3</sup>	-	-
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Calcium fluoride 7789-75-5	TWA: 2.5 mg/m <sup>3</sup> (as F)	TWA: 2.5 mg/m <sup>3</sup> (as F)	-	TWA: 2.5 mg/m <sup>3</sup> (as F)	TWA: 2.5 mg/m <sup>3</sup> (as F)
Calcium sulfate 7778-18-9	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	-	-
Talc 14807-96-6	-	TWA: 2 mg/m <sup>3</sup>	TWA: 0.25 mg/m <sup>3</sup>	TWA: 0.5 fiber/cm <sup>3</sup> STEL: 2 ppm STEL: 1 ppm	TWA: 0.3 fiber/cm <sup>3</sup>
Calcium carbonate 471-34-1	-	TWA: 10 mg/m <sup>3</sup>	-	-	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup> Carc*	TWA: 10 mg/m <sup>3</sup> Carc*	-	-	TWA: 6 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Calcium fluoride 7789-75-5	-	-	NDSCh: 3 mg/m <sup>3</sup> NDS: 1 mg/m <sup>3</sup>	-	TWA: 2.5 mg/m <sup>3</sup> STEL: 7.5 mg/m <sup>3</sup>
Calcium sulfate 7778-18-9	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	-	-	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>
Talc 14807-96-6	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 4.0 mg/m <sup>3</sup> TWA: 1.0 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 0.8 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 2.4 mg/m <sup>3</sup>
Calcium carbonate 471-34-1	-	TWA: 3 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-	-
Titanium dioxide 13463-67-7	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>
Chemical name	Romania	Ukraine TLVs	Sweden TLVs	Hungary	Turkey TLVs
Calcium fluoride 7789-75-5	TWA: 1 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>		LLV: 2 mg/m <sup>3</sup>	STEL: 10 mg/m <sup>3</sup> TWA: 2.5 mg/m <sup>3</sup> b*	

Calcium sulfate 7778-18-9				TWA: 6 mg/m <sup>3</sup>	
Talc 14807-96-6	TWA: 2 mg/m <sup>3</sup>		LLV: 2 mg/m <sup>3</sup> LLV: 1 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>		LLV: 5 mg/m <sup>3</sup>		

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Calcium fluoride 7789-75-5	-	-	3 mg/g creatinine urine beginning of shift Fluorides Background noise on non-exposed subjects, Non-specific (observed after the exposure to other substances) 10 mg/g creatinine urine end of shift Fluorides Background noise on non-exposed subjects, Non-specific (observed after the exposure to other substances)	8 mg/L urine end of shift Fluorides 2,F,I	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Calcium fluoride 7789-75-5	(ACGIH:) 2 mg/g Creatinine urine prior to shift Fluorides Background, nonspecific (ACGIH:) 3 mg/g Creatinine urine end of shift Fluorides Background, nonspecific	-	-	-	-

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**8.2. Exposure controls**

**Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Hand Protection** Wear suitable gloves. Viton™. Rubber gloves. Nitrile rubber.



**Skin and body protection**      Wear suitable protective clothing.

**Environmental exposure controls**      No information available.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Paste / Gel
<b>Appearance</b>	Tan
<b>Odor</b>	Petroleum
<b>Color</b>	Beige
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	Neutral	None known	
Melting / freezing point	204 °C	None known	
Boiling point / boiling range	>260 °C	None known	
Flash Point	> 221 °C	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	1.36	None known	
Water Solubility	Insoluble in water	None known	
Solubility(ies)	No data available	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	
Kinematic viscosity	No data available	None known	
Viscosity	No data available	None known	

### 9.2. Other information

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	None
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available
<b>Particle Size Distribution</b>	No information available

## Section 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

Explosion DataSensitivity to Mechanical Impact  
Sensitivity to Static Discharge

None.

None.

**10.3. Possibility of hazardous reactions****Possibility of Hazardous Reactions** None under normal processing.**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

None under normal use conditions.

**Section 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Information on toxicological effects****Symptoms** No information available.**Numerical measures of toxicity****Acute Toxicity****Unknown acute toxicity****Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	Inhalation LC50
Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic	= 2280 mg/kg ( Rat )		



salts of alkali metals, alkaline earth metals, etc.			
Calcium fluoride	= 4250 mg/kg ( Rat )		
Calcium sulfate	> 3000 mg/kg ( Rat )		
Calcium carbonate	= 6450 mg/kg ( Rat )		
Titanium dioxide	> 10000 mg/kg ( Rat )		> 6820 mg/m <sup>3</sup>

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

- Skin corrosion/irritation** No information available.
- Serious eye damage/eye irritation** No information available.
- Respiratory or skin sensitization** No information available.
- Germ cell mutagenicity** No information available.
- Carcinogenicity** No information available.
- Reproductive Toxicity** No information available.
- STOT - single exposure** No information available.
- STOT - repeated exposure** No information available.
- Aspiration hazard** No information available.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** No information available.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.	>1001 mg/l	96h LC50: > 2000 mg/L (Salmo gairdneri)	-	
Calcium sulfate		96h LC50: > 1970 mg/L (Pimephales)	-	120h EC50: = 3200 mg/L



		promelas) 96h LC50: = 2980 mg/L (Lepomis macrochirus)		
Talc	EC50 72 h: > 1000 mg/L ( Skeletonema costatum)	96h LC50: > 1000 mg/L (Turbot)	10-day LC50 = > 12194mg/kg (Corophium volutator)	48h EC50: = >1000mg/L (Acartia tonsa)

**12.2. Persistence and degradability**

**Persistence and Degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** No information available.

**12.4. Mobility in soil**

**Mobility in soil** No information available.

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

**PBT and vPvB assessment** No information available.

Chemical Name	PBT and vPvB assessment
Calcium fluoride	The substance is not PBT / vPvB PBT assessment does not apply
Calcium sulfate	The substance is not PBT / vPvB PBT assessment does not apply
Talc	The substance is not PBT / vPvB
Calcium carbonate	The substance is not PBT / vPvB PBT assessment does not apply
Titanium dioxide	PBT assessment does not apply

**12.6. Other adverse effects**

**Other adverse effects** No information available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** No information available.

**Section 14: Transport information**

**IMDG**

- 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
14.5 Marine Pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	No information available

**RID**

14.1 UN-No.	NOT REGULATED
14.2 Proper Shipping Name	NOT REGULATED
14.3 Hazard Class	NOT REGULATED
14.4 Packing Group	NOT REGULATED
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**ADR**

14.1 UN-No.	NOT REGULATED
14.2 Proper Shipping Name	NOT REGULATED
14.3 Hazard Class	NOT REGULATED
14.4 Packing Group	NOT REGULATED
14.5 Environmental hazard	Not applicable
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
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Name	French RG number	Title
Calcium fluoride 7789-75-5	RG 32	-
Talc 14807-96-6	RG 25	-

#### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

#### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV).

#### Persistent Organic Pollutants

Not applicable.



**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable.

**International Inventories**

<b>TSCA</b>	Complies.
<b>DSL/NDSL</b>	Complies.
<b>EINECS/ELINCS</b>	Complies.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

**Legend****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**15.2. Chemical safety assessment**

No information available.

**Section 16: Other Information****Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorization:

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation

**Key literature references and sources for data**[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)**Issuing Date** 15-Jul-2014**Revision Date** 05-Feb-2019**Disclaimer**

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End of Safety Data Sheet

