

# MATERIAL SAFETY DATA SHEET

Rev. 02 Revised date: 25/04/2018

## 1. PRODUCT NAME AND IDENTIFICATION

**Product Name:** JCP 701 CSC GREASE GREEN  
**Chemical Name & Synonyms:** N/A  
**CAS Number:** N/A, Mixture  
**Company Name:** JCP GROUP (THAILAND) CO., LTD.  
**Tel & Fax:** +(66)34-410-824      **Emergency:** +(66)85-105-6034

## 2. HAZARDS IDENTIFICATION

**Color** Blue Green - Blue

**Physical state** Semi-Solid

**Odor** Petroleum-like

### GHS

#### Classification

##### Physical Hazards

##### Health Hazard

Skin Corrosion/Irritation

Category 3

Serious Eye Damage/Eye Irritation

Category 2B

##### Other hazards

None

### Labeling

#### Signal Word

WARNING

#### Hazard statements

H316 - Causes mild skin irritation

H320 - Causes eye irritation

#### Precautionary Statements

P201 - Obtain special instructions before use

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

P281 - Use personal protective equipment as required

P202 - Do not handle until all safety precautions have been read and understood

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

P308 + P313 - IF exposed or concerned, get medical attention

P332 + P313 - If skin irritation occurs, get medical attention.

P337 + P313 - If eye irritation persists, get medical attention.

P405 - Store locked up

P501 - Dispose of contents and container to an approved waste disposal plant.

48.18 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS#	% by Wt.
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0	40-70
Calcium carbonate	1317-65-3	10-30
C10-C16 alkybenzenesulfonic acid calcium salt	68584-23-6	10-30
Calcium-12-Hydroxystearate	3159-62-4	1-5
Styrene-Ethylene/Propylene Block Copolymer	68648-89-5	1-5
Tricalcium phosphate	1306-06-5	1-5
Hexylene glycol	107-41-5	1-5
Polyalphaolefin	68037-01-4	1-5

### 4. FIRST AID MEASURES

**General Advice:** Avoid contact with skin, eyes and clothing. Show this safety data sheet to the doctor in attendance.

**Eye Contact:** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact:** Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

**Inhalation:** If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion:** Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**Notes to Physician:** May cause sensitization of susceptible persons.

### 5. FIRE FIGHTING MEASURES

**Flash Point** 490°F / 254°C **Method** open cup

**Autoignition Temperature** N/A

**Flammability Limits in Air Mixture** Upper N/A Lower N/A

**Suitable Extinguishing Media** Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical** Material can create slippery conditions.

**Protective Equipment and Precautions for Firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA** Health 2 Flammability 1 Instability 0

**HMIS** Health 2 Flammability 1 Instability 0

### 6. ACCIDENTAL RELEASE (SPILL MEASURES)

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions** Do not flush into surface water or sanitary sewer system.

**Methods for Containment** Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)

**Methods for Cleaning Up** Pick up and transfer to properly labelled containers. Never return spills in original containers for re-use.

**Neutralizing Agent** Not applicable

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.			
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labelled containers.			
<b>Storage Temperature</b>	<b>Minimum</b> 0°F / -18°C	<b>Maximum</b> 120°F / 49°C		
<b>Storage Conditions</b>	<b>Indoor</b> X	<b>Outdoor</b> X	<b>Heated</b> X	<b>Refrigerated</b> X

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	N/A
Calcium carbonate		TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
C10-C16 alkybenzenesulfonic acid calcium salt	N/A	N/A	N/A
Calcium-12-Hydroxystearate	N/A	N/A	N/A
Styrene-Ethylene/Propylene Block Copolymer	N/A	N/A	N/A
Tricalcium phosphate	N/A	N/A	N/A
Hexylene glycol	Ceiling: 25 ppm	N/A	Ceiling: 25 ppm Ceiling: 125 mg/m <sup>3</sup>
Polyalphaolefin	N/A	N/A	N/A

**Engineering Measures** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### Personal Protective Equipment

#### Eye/Face Protection

Tightly fitting safety goggles.

#### Skin Protection

Wear suitable protective clothing, Impervious gloves.

#### Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators..

**General Hygiene Considerations** Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

<b>Physical State</b>	Semi-Solid	<b>Viscosity</b>	Gel
<b>Color</b>	Blue green - Blue	<b>Odor</b>	Petroleum-like
<b>Appearance</b>	Opaque	<b>pH</b>	Not applicable
<b>Specific Gravity</b>	1.01	<b>Bulk Density</b>	Not applicable
<b>Evaporation Rate</b>	0 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	2.6
<b>VOC Content (%)</b>	2.2	<b>Vapor Pressure</b>	<0.1 mmHg @ 70 °F
<b>Vapor Density</b>	5.1	<b>Solubility</b>	Negligible
<b>Boiling Point/Range</b> 610°F / 321°C			

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur .
<b>Conditions to Avoid</b>	Heat, flames, and sparks.
<b>Incompatible Products</b>	Strong oxidizing agents. Strong acid and base.
<b>Hazardous Decomposition Products</b>	Carbon oxides. Nitrogen oxides (NOx), Oxides of phosphorus, Sulfur oxides.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

**Component Information** Petroleum distillates, hydrotreated light

### Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	N/A	N/A	N/A	N/A	N/A
Calcium carbonate	6450 mg/kg ( Rat )	N/A	N/A	N/A	N/A
C10-C16 alkybenzenesulfonic acid calcium salt	N/A	N/A	N/A	N/A	N/A
Calcium-12-Hydroxystearate	N/A	N/A	N/A	N/A	N/A
Styrene-Ethylene/Propylene Block Copolymer	N/A	N/A	N/A	N/A	N/A
Tricalcium phosphate	N/A	N/A	N/A	N/A	N/A
Hexylene glycol	3692 mg/kg ( Rat )	N/A	> 310 mg/m3 ( Rat ) 1 h	N/A	N/A
Polyalpaolefin	N/A	N/A	N/A	N/A	N/A

### Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	N/A	N/A	N/A	N/A	lungs
Calcium carbonate	N/A	N/A	N/A	N/A	eyes, respiratory system, skin
C10-C16 alkybenzenesulfonic acid calcium salt	N/A	N/A	N/A	N/A	N/A
Calcium-12-Hydroxystearate	N/A	N/A	N/A	N/A	N/A
Styrene-Ethylene/Propylene Block Copolymer	N/A	N/A	N/A	N/A	N/A
Tricalcium phosphate	N/A	N/A	N/A	N/A	N/A
Hexylene glycol	N/A	Skin sensitization	N/A	N/A	eyes, CNS, respiratory system, skin, immune system
Polyalpaolefin	N/A	N/A	N/A	N/A	N/A

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

<b>ACGIH</b>	not applicable
<b>IARC</b>	not applicable
<b>NTP</b>	not applicable
<b>OSHA</b>	not applicable
<b>Other</b>	not applicable

## 12. ECOLOGICAL INFORMATION

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
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Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	N/A	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	N/A	EC50> 1000 mg/L 48 h	N/A
Calcium carbonate	N/A	no data available	N/A	N/A	N/A
C10-C16 alkybenzenesulfonic acid calcium salt	N/A	no data available	N/A	N/A	N/A
Calcium-12-Hydroxystearate	N/A	no data available	N/A	N/A	N/A
Styrene-Ethylene/Propylene Block Copolymer	N/A	no data available	N/A	N/A	N/A
Tricalcium phosphate	N/A	no data available	N/A	N/A	N/A
Hexylene glycol	N/A	LC50 10500 - 11000 mg/L Pimephales promelas 96 h LC50 = 10000 mg/L Lepomis macrochirus 96 h LC50 = 8690 mg/L Pimephales promelas 96 h LC50 = 10700 mg/L Pimephales promelas 96 h	EC50 = 3038 mg/L 5 min	EC50 2700 - 3700 mg/L 48h	<0.14
Polyalphaolefin	N/A	no data available	N/A	N/A	N/A

**Persistence and Degradability** No information available

**Bioaccumulation:** No information available

**Mobility:** No information available

**Biodegradability:** Result: Not readily biodegradable.

**Further information on ecology**

**Biochemical Oxygen Demand (BOD):** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of as hazardous waste in compliance with local and national regulations

**Container Disposal** Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. REGULATORY INFORMATION

### Inventories

**TSCA** Complies

**DSL** Complies

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

#### SARA 311/312 Hazardous Categorization

**Acute Health Hazard** Yes

**Chronic Health Hazard** No

**Fire Hazard** Yes

**Sudden Release of Pressure Hazard** No

**Reactive Hazard** No

**CERCLA**  
**Component** Petroleum distillates, hydrotreated light  
**Hazardous Substances RQs** Not applicable  
**CERCLA EHS RQs** Not applicable

**Canada**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.**

**WHMIS Hazard Class** B3 Combustible liquid, D2B Toxic materials .

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## **16. OTHER INFORMATION**

The above information is based on data available to us and is believed to be correct. However, no warranty, merchantability, fitness for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the result to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving it shall make his own determination for the suitability of the material for his particular purposes.

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