



## MATERIAL SAFETY DATA SHEET

in accordance with 1907/2006/EC

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product Name:** 615 High Temperature Grease

**Date of Preparation:** 5 July 2007

**MSDS No.** 133-12

Not classified as hazardous according to criteria of Worksafe Australia.

**Company:**

A.W. CHESTERTON COMPANY  
860 Salem Street  
Groveland, MA 01834-1507, USA  
Tel.: +1 978-469-6446 Fax: +1 978-469-6785  
(Mon. - Fri. 8:30 - 5:00 PM EST)  
E-mail (questions): [ProductMSDSs@chesterton.com](mailto:ProductMSDSs@chesterton.com)  
MSDS requests: [www.chesterton.com](http://www.chesterton.com)

**Supplier:**

**For Chemical Emergency:**

24 hours per day, 7 days per week  
Call Infotrac: 1-800-535-5053  
Outside N. America: +1 352-323-3500 (collect)

**Use:** Petroleum base lubricant. Superior multi-purpose grease for heavy loads and high heat.

### 2. HAZARDS IDENTIFICATION

May cause eye irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No.	EC No.	Symbol	R-phrases
Calcium Dodecylbenzenesulphonate	1-5	26264-06-2	247-557-8	Xi	36/38
Other Ingredients:					
Baseoil – unspecified*	50-60	64742-65-0 64741-95-3	265-169-7 265-096-0	–	–

See section 15 for text of labelling R-phrases and section 16 for others. \*Contains less than 3 % DMSO extract as measured by IP 346.

**4. FIRST AID MEASURES**

<b>Inhalation:</b>	Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.
<b>Skin Contact:</b>	Wash skin with soap and water. Consult physician if irritation develops.
<b>Eye Contact:</b>	Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.
<b>Ingestion:</b>	not applicable
<b>Advice to Physician:</b>	High velocity injection under the skin may leave a bloodless puncture wound subject to infection, disfigurement, lack of blood and may require amputation. Immediate treatment by a surgical specialist is recommended.

**5. FIRE-FIGHTING MEASURES**

<b>Extinguishing Methods:</b>	Carbon Dioxide, dry chemical or foam
<b>Unusual Fire and Explosion Hazards:</b>	Dense smoke. Water may cause frothing.
<b>Special Fire Fighting Measures:</b>	Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.
<b>Flammability Classification:</b>	—
<b>HAZCHEM Emergency Action Code:</b>	3 <b>Z</b>

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	No special requirements.
<b>Environmental Precautions:</b>	Keep out of sewers, streams and waterways.
<b>Methods of Clean Up:</b>	Scoop up and transfer to a suitable container for disposal.

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Wash before eating, drinking or smoking. Injection into the body without immediate medical treatment may cause loss of affected part of the body.
<b>Storage:</b>	Store in a cool, dry area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Hazardous Ingredients	OSHA		ACGIH TLV		AUSTRALIA	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Calcium Dodecylbenzenesulphonate	—	—	—	—	—	—
Oil Mist, Mineral	—	5	—	5	—	5
				STEL: 10		

<b>Respiratory Protection:</b>	Not normally needed.
<b>Ventilation:</b>	No special requirements.
<b>Protective Gloves:</b>	Not normally needed.
<b>Eye Protection:</b>	none
<b>Other:</b>	none

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	grease	<b>Odour</b>	mild odor
<b>Colour</b>	green	<b>Vapour pressure @ 20°C</b>	not determined
<b>Initial boiling point</b>	not applicable	<b>% Aromatics by weight</b>	0%
<b>Melting point</b>	not determined	<b>pH</b>	not applicable
<b>% Volatile (by volume)</b>	0%	<b>Density</b>	0,97 kg/l
<b>Flash point</b>	> 190°C (> 374°F)	<b>Weight per volume</b>	8.1 lbs/gal.
<b>Method</b>	Open Cup	<b>Coefficient (water/oil)</b>	< 1
<b>Viscosity</b>	100 sus @ 38°C	<b>Vapour density (air=1)</b>	> 1
<b>Autoignition temp.</b>	not determined	<b>Rate of evaporation (ether=1)</b>	< 1
<b>Explosion limits</b>	not determined	<b>Solubility in water</b>	negligible
		<b>Other</b>	none

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	Aldehydes, Oxides of Sulfur and Nitrogen, Carbon Monoxide, Carbon Dioxide and other toxic fumes.
<b>Conditions to Avoid:</b>	Open flames and red hot surfaces.
<b>Materials to Avoid:</b>	Strong oxidizers like liquid Chlorine and concentrated Oxygen.

**11. TOXICOLOGICAL INFORMATION**

<b>Primary Route of Exposure Under Normal Use:</b>	Skin and eye contact.
<b>Acute Effects:</b>	Direct eye contact may cause eye irritation.
<b>Chronic Effects:</b>	Prolonged or repeated skin contact may cause skin irritation.
<b>Other Information:</b>	As per 29 CFR 1910.1200 (Hazard Communication), this product contains no carcinogens as listed in the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

**12. ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.	
<b>Mobility:</b>	Solubility in water: negligible. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).
<b>Degradability:</b>	not determined
<b>Accumulation:</b>	not determined
<b>Ecotoxicity:</b>	Oil products, improperly released to the environment, can cause ground and water pollution.

**13. DISPOSAL CONSIDERATIONS**

Incinerate absorbed material with a properly licensed facility. Check local, state and national/federal regulations and comply with the most stringent requirement.	
<b>EWC-code:</b>	13 02 05

**14. TRANSPORT INFORMATION**

**TDG:** NONHAZARDOUS, NOT REGULATED  
**IMDG:** NONHAZARDOUS, NOT REGULATED  
**IATA/ICAO:** NONHAZARDOUS, NOT REGULATED  
**ADR/RID:** NONHAZARDOUS, NOT REGULATED

**U.S. DOT :**  
 Shipping Name: NONHAZARDOUS  
 Hazard Class: NOT REGULATED  
 UN/NA # : NOT APPLICABLE  
 Packaging Group # NOT APPLICABLE  
 Emergency Response Guide Book No. - NOT APPLICABLE

**15. REGULATORY INFORMATION**

**European Classification:**<sup>1</sup> none  
**R-Phrase(s):** —  
**S-Phrase(s):** —  
**Name of the substances on the label:** none  
**Other information:** none

**Canadian Classification:**<sup>1</sup> none  
**Risk Phrase(s):** —  
**Precautionary and First Aid Measure(s):** —  
**Other Information:** none

**16. OTHER INFORMATION****US EPA SARA TITLE III**

**312 Hazards :** none  
**313 Chemicals :** none

**Hazardous Materials Identification System (HMIS)**

4 = Severe Hazard  
 3 = Serious Hazard  
 2 = Moderate Hazard  
 1 = Slight Hazard  
 0 = Minimal Hazard  
 \* = See Section 8

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>1</b>
<b>Personal Protection</b>	<b>*</b>

**JAPAN PRTR****Class I Chemicals :**

none

**Class II Chemicals :**

none

**Risk phrases in section 3:** R36/38: Irritating to eyes and skin.

**Changes to the MSDS in this revision:** section 1; updated to new format.

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the accuracy of the data or the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.