



MATERIAL SAFETY DATA SHEET

in accordance with 91/155/EEC (2001/58/EC)

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

Product Name: 615 High Temperature Grease

Date of Preparation: 23 February 2006 **MSDS No.** 133-11

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
 (Mon. - Fri. 8:30 - 5:00 PM EST)

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. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients ¹	% 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.

3. HAZARDS IDENTIFICATION

May cause eye irritation.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration. Contact physician.

Skin Contact: Wash skin with soap and water. Consult physician if irritation develops.

Eye Contact: Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.

Ingestion: not applicable

Advice to Physician: 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.

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 ® Reg. US Patent and TM Office

¹Classified according to: * 29 CFR 1910.1200, 1915, 1916, 1917
 * Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F)
 * Controlled Products Regulations
 * 67/548/EEC (29th Adaptation) and 99/45/EC
 * Worksafe Australia [NOHSC: 1008 (2004)]

5. FIRE-FIGHTING MEASURES

Extinguishing Methods: Carbon Dioxide, dry chemical or foam

Unusual Fire and Explosion Hazards: Dense smoke. Water may cause frothing.

Special Fire Fighting Measures: Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus.

Flammability Classification: -

HAZCHEM Emergency Action Code: 3 **Z**

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special requirements.

Environmental Precautions: Keep out of sewers, streams and waterways.

Methods of Clean Up: Scoop up and transfer to a suitable container for disposal.

7. HANDLING AND STORAGE

Handling: Wash before eating, drinking or smoking. Injection into the body without immediate medical treatment may cause loss of affected part of the body.

Storage: Store in a cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory Protection: Not normally needed.

Ventilation: No special requirements.

Protective Gloves: Not normally needed.

Eye Protection: none

Other: none

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Primary Route of Exposure Under Normal Use:	Skin and eye contact.
Acute Effects:	Direct eye contact may cause eye irritation.
Chronic Effects:	Prolonged or repeated skin contact may cause skin irritation.
Other Information:	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.

Mobility:	Solubility in water: negligible. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).
Degradability:	not determined
Accumulation:	not determined
Ecotoxicity:	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.

EWC-code: 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:¹ none R-Phrase(s): - S-Phrase(s): - Name of the substances on the label: none Other information: none									
Canadian Classification:¹ 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								
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HEALTH	1								
FLAMMABILITY	1								
REACTIVITY	1								
Personal Protection	*								
JAPAN PRTR Class I Chemicals : none Class II Chemicals : none									
Risk phrases in section 2: R36/38: Irritating to eyes and skin. Changes to the MSDS in this revision: sections 1 (address and telephone number), 2, 3, 4, 8, 11, 16.									
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.									