



MATERIAL SAFETY DATA SHEET

in accordance with 91/155/EEC

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

Product Name: 615 HTG #1

Date of Preparation: 6 March 2003

MSDS No. 287-3

Not classified as hazardous according to criteria of Worksafe Australia.

Company:

A.W. CHESTERTON COMPANY
225 Fallon Road
Stoneham, MA 02180-2999, USA
Tel.: 781-438-7000
(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: 352-323-3500 (collect)

Use: Multi-purpose grease for heavy loads and high temperatures.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients [†]	% Wt.	CAS No.	EC No.	Symbol	R-phrases
This product is not classified as a "hazardous material" in normal use as defined in:					
* 29 CFR 1910.1200, 1915, 1916, 1917					
* Massachusetts Right-to-Know Law, Chapter 40, Acts and Resolves of 1983 (M.G.L.O. 111F)					
* Canadian WHMIS regulations					
* European Council Directive 67/548/EEC and 99/45/EC					
* Worksafe Australia [NOHSC: 3001 (1991)]					

3. HAZARDS IDENTIFICATION

None expected in industrial use. This product would not be classified as a hazard to the user either during application or while in service. This is a petroleum base lubricant.

4. FIRST AID MEASURES

Inhalation:	not applicable
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.

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. If possible, wash down area with a solvent cleaner.

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
none						

Respiratory Protection:	Not normally needed.
Ventilation:	No special requirements.
Protective Gloves:	Not normally needed.
Eye Protection:	none
Other:	Chesterton recommended limit (OSHA PEL): 5 mg/m ³ - oil mist

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Semi-solid	Odour	mild odor
Colour	blue-green	Vapour pressure @ 20°C	not determined
Initial boiling point	not determined	% 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	7.99 lbs/gal.
Method	Open Cup	Coefficient (water/oil)	< 1
Viscosity	not determined	Vapour density (air=1)	not applicable
Autoignition temp.	not determined	Rate of evaporation (ether=1)	not applicable
Explosion limits	not determined	Solubility in water	insoluble
		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 contact
Acute Effects:	none
Chronic Effects:	Prolonged and repeated contact may cause eye and 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:	Semi-solid. Insoluble in water. 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:[†]	none
R-Phrase(s):	none
S-Phrase(s):	—
Name of the substances on the label:	none
Other information:	none

Canadian Classification: [†]	none
Risk Phrase(s):	–
Precautionary and First Aid Measure(s):	–
Other information:	none

16. OTHER INFORMATION

US EPA SARA TITLE III	Hazardous Materials Identification System (HMIS)								
312 Hazards : 313 Chemicals : None None	4 = Severe Hazard 3 = Serious Hazard 2 = Moderate Hazard 1 = Slight Hazard 0 = Minimal Hazard * = See Section 8								
	<table border="1"> <tr> <td>HEALTH</td> <td>0</td> </tr> <tr> <td>FLAMMABILITY</td> <td>1</td> </tr> <tr> <td>REACTIVITY</td> <td>1</td> </tr> <tr> <td>Personal Protection</td> <td>*</td> </tr> </table>	HEALTH	0	FLAMMABILITY	1	REACTIVITY	1	Personal Protection	*
HEALTH	0								
FLAMMABILITY	1								
REACTIVITY	1								
Personal Protection	*								

JAPAN PRTR	Class I Chemicals : none	Class II Chemicals : none
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Risk phrases in section 2: none
Changes to the MSDS in this revision: sections 7, 13, 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.