



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: 629 High Temperature White Grease (Bulk)

Date of Preparation: 13 February 2006 **MSDS No.** 218B-6

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. Food grade A superior quality, multi-purpose grease for food, beverage, pharmaceutical, textile and other plants processing clean materials or packages. High Temperature White Grease is recommended for the lubrication of bearing, slides, guides and moving parts at temperatures up to 260°C (500°F).

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients¹	% 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)					
* Controlled Products Regulations					
* European Council Directive 67/548/EEC and 99/45/EC					
* Worksafe Australia [NOHSC: 1008 (1999)]					

3. HAZARDS IDENTIFICATION

None expected in industrial use. It is nontoxic at ambient temperatures. When heated to temperatures above 260°C (500°F), perfluorocarbon resins begin to give off vapors that may cause temporary flu-like symptoms if inhaled. Thermal decomposition leads to the formation of oxidized products containing carbon, fluorine and oxygen. The ACGIH states that no exposure limit is recommended pending determination of the toxicity of the products, but air concentration should be minimal. Likewise, when using this product avoid smoking for the same reason. Avoid contamination of tobacco products.

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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)]

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: Treat symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing Methods: Carbon Dioxide, dry chemical or foam
Unusual Fire and Explosion Hazards: Thermal decomposition can form toxic fumes at high temperatures.
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: Utilize exposure controls and personal protection as specified in Section 8.
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: Utilize exposure controls and personal protection as specified in Section 8. Do not smoke while using the product.
Storage: Store in closed containers away from open flames.

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: Oil impervious gloves, if needed.
Eye Protection: Safety glasses
Other: none

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	grease	Odour	little odor
Colour	white	Vapour pressure @ 20°C	not determined
Initial boiling point	299°C (570°F)	% Aromatics by weight	not determined
Melting point	not determined	pH	not applicable
% Volatile (by volume)	negligible	Density	0,89 kg/l
Flash point	210°C (410°F)	Weight per volume	7.4 lbs/gal.
Method	Open Cup	Coefficient (water/oil)	< 1
Viscosity	not determined	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:	Carbon Monoxide, perfluorocarbon resin fumes and other toxic fumes.
Conditions to Avoid:	none
Materials to Avoid:	Strong acids and alkalis

11. TOXICOLOGICAL INFORMATION

Primary Route of Exposure Under Normal Use:	skin contact
Acute Effects:	none
Chronic Effects:	Prolonged or repeated skin contact may cause mild 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:	Grease. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).
Degradability:	Not readily biodegradable.
Accumulation:	not determined
Ecotoxicity:	Oil products, improperly released to the environment, can cause ground and water pollution.

13. DISPOSAL CONSIDERATIONS

Incinerate or landfill 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
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15. REGULATORY INFORMATION

European Classification: ¹	none
R-Phrase(s):	none
S-Phrase(s):	–
Name of the substances on the label:	none
Other information:	none

Canadian Classification: ¹	none
Risk Phrase(s):	none
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	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: section 1 (address and telephone number), 2.

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.