



## MATERIAL SAFETY DATA SHEET

in accordance with 1907/2006/EC

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

**Product Name:** 278 Super Solv (Bulk)

**Date of Preparation:** 3 July 2007

**MSDS No.** 272B-7

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:** A high performance solvent-based industrial cleaner.

### 2. HAZARDS IDENTIFICATION

Repeated exposure may cause skin dryness or cracking. As with any organic solvent based product, care should be taken to avoid excessive inhalation of vapors. This is especially important in enclosed areas or areas with poor ventilation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients <sup>1</sup>	% Wt.	CAS No.	EC No.	Symbol	R-phrases
Distillates (Petroleum), Hydrotreated Light	45-55	64742-47-8	265-149-8	Xn	65-66
Diisobutyl Adipate	1-5	141-04-8	205-450-3	–	–

See section 15 for labelling risk phrases and section 16 for others.

### 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. Contact physician if irritation persists.
<b>Eye Contact:</b>	Flush eyes for at least 15 minutes with large amounts of water. Contact physician if irritation persists.
<b>Ingestion:</b>	Do not induce vomiting. Contact physician immediately.
<b>Advice to Physician:</b>	Treat symptoms.

**5. FIRE-FIGHTING MEASURES**

<b>Extinguishing Methods:</b>	Carbon Dioxide, dry chemical, foam or water spray
<b>Unusual Fire and Explosion Hazards:</b>	none
<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>	2 <b>Z</b>

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Evacuate area. Provide adequate ventilation.
<b>Environmental Precautions:</b>	Contain spill to a small area. Keep out of sewers, streams and waterways.
<b>Methods of Clean Up:</b>	Flush away from ignition sources with water. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal.

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Keep container closed when not in use. Vapors are heavier than air and will collect in low areas. Utilize exposure controls and personal protection as specified in Section 8.
<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>
Distillates (Petroleum), Hydrotreated Light*	—	—	—	—	—	—
Diisobutyl Adipate	—	—	—	—	—	—

\*Chesterton recommended limit: 300 ppm (2400 mg/m<sup>3</sup>)

<b>Respiratory Protection:</b>	Not normally needed. If exposure limits are exceeded, use approved organic vapor respirator.
<b>Ventilation:</b>	No special requirements. If exposure limits are exceeded, provide adequate ventilation.
<b>Protective Gloves:</b>	Chemical resistant gloves (e.g., butyl rubber)
<b>Eye Protection:</b>	Safety goggles.
<b>Other:</b>	Impervious clothing as necessary to prevent skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	liquid	<b>Odour</b>	mild odor
<b>Colour</b>	clear	<b>Vapour pressure @ 20°C</b>	not determined
<b>Initial boiling point</b>	93°C (199°F)	<b>% Aromatics by weight</b>	≤ 0.5%
<b>Melting point</b>	not determined	<b>pH</b>	not applicable
<b>% Volatile (by volume)</b>	100%	<b>Density</b>	0.9 kg/l
<b>Flash point</b>	107°C (225°F)	<b>Weight per volume</b>	7.2 lbs/gal
<b>Method</b>	PM Closed Cup	<b>Coefficient (water/oil)</b>	< 1
<b>Viscosity</b>	< 10 cps @ 25°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>	slightly miscible
		<b>Other</b>	none

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	Carbon Monoxide, aldehydes and other toxic fumes.
<b>Conditions to Avoid:</b>	Open flames, heat, sparks 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>	Inhalation, skin and eye contact. Personnel with pre-existing dermatitis are generally aggravated by exposure.
<b>Acute Effects:</b>	Direct eye contact may result in eye irritation. Inhalation of vapor concentrations in excess of 700 ppm will cause eye and respiratory tract irritation, dizziness, headache and other central nervous system effects.
<b>Chronic Effects:</b>	Prolonged or repeated skin contact may defat the skin and 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>	Liquid. Slightly miscible in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9).
<b>Degradability:</b>	Distillates (Petroleum), Hydrotreated Light: can degrade in air; may biodegrade.
<b>Accumulation:</b>	not determined
<b>Ecotoxicity:</b>	May be harmful to aquatic organisms.

**13. DISPOSAL CONSIDERATIONS**

Incinerate absorbed material in an approved area. Material is suitable for fuels blending or incineration. Check local, state and national/federal regulations and comply with the most stringent requirement.

**EWC-code:** 07 07 04

**14. TRANSPORT INFORMATION**

<b>TDG:</b>	NONHAZARDOUS, NOT REGULATED	<b>U.S. DOT :</b>
<b>IMDG:</b>	NONHAZARDOUS, NOT REGULATED	Shipping Name: NONHAZARDOUS
<b>IATA/ICAO:</b>	NONHAZARDOUS, NOT REGULATED	Hazard Class: NOT REGULATED
<b>ADR/RID:</b>	NONHAZARDOUS, 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):** R66 Repeated exposure may cause skin dryness or cracking.\***S-Phrase(s):** S23 Do not breathe vapour.  
S24 Avoid contact with skin.**Name of the substances on the label:** none**Other information:** none**Canadian Classification:**<sup>1</sup> none**Risk Phrase(s):** Repeated exposure may cause skin dryness or cracking.**Precautionary and First Aid Measure(s):** Do not breathe vapour. Avoid contact with skin.**Other Information:** none**16. OTHER INFORMATION****US EPA SARA TITLE III****312 Hazards :** Immediate  
**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:** R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.**Changes to the MSDS in this revision:** section 1; updated to new format.

\*R65: not applicable according to criteria

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.