MATERIAL SAFETY DATA SHEET

Product Name: SOLEST® 35 **Revision Date: January 2017**

Not classified as hazardous according to criteria of WHS and GHS

SECTION 1 PRODUCT/SUBSTANCE AND COMPANY IDENTIFICATION

Product Name: SOLEST® 35

Product Description: Polyol Ester

Product Code: 11867338 Ester

Intended use: Synthetic refrigeration compressor oil

Company Name: CPI Corporation Pty Ltd

Address: 148 Old Pittwater Road, Brookvale NSW 2100, Australia

Emergency Tel: (02) 9939 9988

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE, AND NATIONAL OR REGIONAL INFORMATION: NOT CLASSIFIED

GHS label elements - Hazard symbol(s) : No symbol
Signal word: Not applicable Hazard Statement(s) : Not applicable
Precautionary statements: Not applicable

Other hazards which do not result in GHS classification: None

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polyol esters

Ingredients: No reportable hazardous material or substances up to 100%.

CAS#: Proprietary and not required.

SECTION 4 FIRST AID MEASURES

INHALATION Remove from further exposure and remove the source of contamination. Move the victim to fresh air and ensure airways are clear and use adequate respiratory protection or facemask if there is any breathing difficulty. If oil mist is inhaled, remove to fresh air and seek medical attention. If respiratory irritation, nausea, or unconsciousness occurs, seek immediate medical assistance.

SKIN CONTACT Prolonged exposure may irritate the skin. Remove any contaminated clothing. Wash exposed skin and contact areas with soap and water gently. If product gets under the skin seek immediate medical attention from a physician.

INGESTION Seek medical attention and do not induce vomiting. Immediately wash out mouth with clean water.

EYE CONTACT Wash thoroughly with clean water if contact with the eye occurs. If irritation and soreness develops or persists, seek medical attention.

Advice to Physician Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA DO NOT use water jet. Appropriate media includes carbon dioxide, foam, or dry chemical to extinguish flames. Water fog may be used to cool exposed containers.

FIRE FIGHTING TECHNIQUES Burning product or fluid may evolve irritating/noxious fumes. Evacuate area as soon as possible. Firefighters should use protective clothing / equipment and approved self-contained breathing apparatus (SCBA). Smoke, fumes, nitrogen and sulphur oxides, and carbon / inorganic products from incomplete combustion may be present. Water spray may be used to cool fire exposed surfaces and protect personnel.

FLAMMABILITY PROPERTIES

Flash Point (Open Cup): 232-300^0 C (Typical)

Flammability Limits: Not determined

Autoignition Temperature: Not determined

SECTION 6 ACCIDENTAL RELEASE MEASURES

SPILL MANAGEMENT Wear suitable protective equipment, especially goggles. Stop source of leak or spill if you can do so without risk.

In the case of small spills, use inert absorbent material (eg. sand, sawdust or diatomaceous earth) to soak up the spilled product. Dispose of absorbent material in accordance with state or local regulations. Wash spill area with large amounts of water and detergent.

With larger spills, dike the spill area for containment and recovery if possible. Place inert absorbent material onto the spillage. Prevent spill entering drains, waterways, sewers, rivers, basements etc. If large quantities of this material enter the waterways contact the Environmental Protection Authority.

NOTIFICATION PROCEDURES In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable local, state and national regulations.

SECTION 7 HANDLING AND STORAGE

HANDLING Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin, wash with sufficient amounts of water and soap. Flush eyes with water for 15 minutes and seek medical attention. Wash contaminated clothing or dispose appropriately.

Repeated or prolonged contact with this material should be avoided in order to reduce the possibility of skin disorders. Observe good personal hygiene. Good ventilation is recommended and avoid build up of oil mist in the working area.

Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue in the container may ignite if exposed to heat. Do not expose container to open flame or excess heat. Always keep container closed and caps in place.

STORAGE This product is hydroscopic and storage under dry nitrogen is recommended. Keep container tightly sealed when not in use. Store in a cool, dry, well-ventilated area, out of direct sunlight. Keep away from open flames and other ignition sources. For safe storage refer to Australian Standards AS1940.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS No value assigned for this specific material by the NOHSC. However, the threshold limit value (Exposure Standards) for oil mist is listed as 5mg/m

ENGINEERING CONTROLS Use in a well ventilated area. Where vapours or oil mists are generated and exposure standards are exceeded, the use of personal respiratory protection equipment or an adequate exhaust ventilation system is recommended.

RESPIRATORY PROTECTION If engineering controls are still inadequate, the use of an approved respirator with organic vapour / particulate filter complying with AS/NZS 1715 (Selection, Use and Maintenance of Respiratory Protective Devises) and AS/NZS 1716 (Respiratory Protective Devices) is recommended. The selection of type of breathing protection should be based on expert advice. Reference should be made to the relevant Australian Standards.

In the case of high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode.

HAND PROTECTION Protective gloves is normally not required, but impervious gloves such as nitrile, viton or neoprene is recommended if required. Contact the glove manufacturer for specific advice on glove selection. Inspect and replace worn or damaged gloves.

EYE PROTECTION Goggles or safety glasses with side shields are recommended.

BODY AND SKIN PROTECTION No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. If required, use a chemical resistance apron to avoid contact of material with skin.

PERSONAL HYGIENE MEASURES Always observe good personal hygiene measures. Dispose contaminated clothing and footwear that cannot be cleaned. Always practise good housekeeping.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid

COLOUR Clear amber / light yellow tint

BOILING POINT >340.5^0 C

MELTING POINT N/A

ODOUR Mild, distinct

SOLUBILITY IN WATER Negligible

pH VALUE Not applicable

SPECIFIC GRAVITY (WATER=1) 0.94-0.97 @ 20^{0}C

FLASH POINT (Open Cup) 232-301^0 C

FLAMMABLE LIMITS LEL / UEL Not determined

AUTOIGNITION TEMPERATURE Not determined

FLAMMABILITY Combustible Class C2 liquid (AS 1940). Remove all sources of heat and ignition.

VAPOUR PRESSURE **<**0.01 mmHg @ 20^0 C

EVAPORATION RATE (butyl acetate=1) Nil

VOLATILES (percent by volume) Not determined

SECTION 10 STABILITY AND REACTIVITY

STABILITY Stable under normal conditions of storage and handling

HAZARDOUS POLYMERIZATION Will not occur

MATERIALS TO AVOID Strong oxidizers

CONDITIONS TO AVOID Excessive heat or sources of ignition

EXPLOSIVE DATA Material does not have explosive properties

HAZARDOUS DECOMPOSITION PRODUCTS Material does not decompose at ambient temperatures. Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified products and fragments when burned.

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION This product contains synthetic base oils that through process conditions, chemical analysis and results of mutagenicity all support these oils should not cause skin cancer.

INHALATION May cause irritation to the mucous membrane and upper airways, especially if the material is heated or mists are generated and/or is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.

INGESTION May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and diarrhoea.

SKIN Unlikely to irritate on brief contact. Repeated or prolonged contact may dry and defat skin, resulting in skin irritation and possible dermatitis.

EYE May cause slight to moderate transplant eye irritation, resulting in redness, stinging and lachrymation.

CHRONIC EFFECTS Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

SECTION 12 ECOLOGICAL INFORMATION

ENVIRONMENT PROTECTION This information is based on data available for the material, the components of the material, and similar materials. Prevent this material from entering the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL Disposal of waste must be in accordance with state, local, EPA and national current applicable laws and regulations.

DISPOSAL RECOMMENDATIONS Incinerate this material and all associated wastes in an enclosed burner in a licensed facility. Empty containers may contain residue and can be dangerous. Empty drums should be safely stored until taken for recycling, recovery, or disposal in accordance with government regulations. Do not pressurise, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. This may result in an explosion and cause injury or death.

SECTION 14 TRANSPORT INFORMATION

This material is not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail and IATA/ICAO, IMDG..

U.N. NUMBER None allocated

PROPER SHIPPING NAME None allocated

DG CLASS None allocated

HAZCHEM CODE None allocated

PACKING GROUP None allocated

TRANSPORT EMERGENCY Call CHEMTREC (+1) 703-527-3887 (outside the US)

SECTION 15 REGULATORY INFORMATION

Material is not hazardous as defined by the Approved Criteria for Classifying Hazardous Substances NOHSC:1008.

Product is not regulated according to Australian Dangerous Goods Code.

POISONS SCHEDULE No Poison Schedule number allocated by the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) established under the Therapeutic Goods Act.

Complies with the following national/regional chemical inventory requirements: AICS, IECSC, DSL, EINECS, ENCS, KECI, PICCS, TSCA. The product contains no known carcinogens.

SECTION 16 OTHER INFORMATION

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. The information and recommendations are offered for the user's consideration and examination. All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. However, CPI Corporation accepts no tortuous or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedure should be provided to handlers and users. Alteration of this document is strictly prohibited.

-------- END OF MSDS -------

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