



**Material Safety Data Sheet
GIANT SUPER SOLVE**

**Rev: 02
Date: 08/06/2023**

Section 1: Chemical and Company Identification

Product Name/Identifier	GIANT SUPER SOLVE
Company Information	Central Auto Parts and Equipment Limited 84 Armstrong Street, Palmerston North New Zealand
Emergency Telephone	(64) 6-3535200
Fax Number	(64) 6-3535201

Section 2: Hazards Identification

GHS CLASSIFICATION

Classification of the substance or mixture	Classification (GHS): Flammable Liquids, Category 2 Serious Eye Damage/Irritation, Category 2 Specific Target Organ System Toxicity (Single Exposure), Category 3 Aspiration Hazard, Category 2
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GHS LABEL:



Signal Words: Danger

Physical Hazards:

H226 : Flammable liquid and vapour
H304 : May be fatal if swallowed and enters airways
H315 : Causes skin irritation

Health Hazards:

H305 : May be harmful if swallowed and enters airways
H319 : Causes serious eye irritation
H336 : May cause drowsiness or dizziness

Precautionary Statements Prevention:

P210 : Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233 : Keep container tightly closed
P240 : Ground/bond container and receiving equipment
P241 : Use explosion-proof electrical/ventilation/lighting equipment
P242 : Use only non-sparking tools
P243 : Take precautionary measures against static discharge
P264 : Wash thoroughly after handling
P273 : Avoid release to the environment.
P280 : Wear protective gloves/protective clothing/eye protection/ face protection

Response:

P301+P310	: If SWALLOWED: Immediately call a POISON CENTRE or doctor / physician.
P302+P352	: If ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	: If ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
P331	: Do NOT induce vomiting.
P332+P313	: If skin irritation occurs: Get medical advice/attention.
P362	: Take off contaminated clothing and wash before reuse.
P370+P378	: In case of fire: Use foam/water spray/fog for extinction
P391	: Collect Spillage

Section 3: Compositions / Information on Ingredients

Chemical Ingredient	% by Weight	CAS Number
Distillates (Petroleum), hydrotreated light	> 60	64742-89-8
Ingredients determined to be non-hazardous	Balance	-

Section 4: First Aid Measures

After Inhalation	: Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
After Skin Contact	: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.
After Eye Contact	: If in eyes, hold eyes open, flush eyes with water for at least 15 minutes. If irritation persists seek medical attention.
After Swallowing	: If swallowed, DO NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
First Aid Facilities	: First aid kits, safety showers, eye wash stations.
Advice to Doctor	: <u>Symptoms Caused by Exposure</u> <u>Inhalation</u> : Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, lightheadedness, headache, nausea and loss of co-ordination. Continuous inhalation may result in unconsciousness and death. <u>Skin</u> : May include redness and cracking. <u>Eye</u> : May include redness and swelling. <u>Ingestion</u> : May include headache, nausea, coughing and shortness of breath. <u>Medical Attention and Special Treatment</u> : Treat symptomatically.

Section 5: Fire Fighting Measures

General Measures	: Do not enter enclosed or a confined work space without proper protective equipment. Fire-fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability	: Product is a flammable liquid.
Suitable Extinguishing Agents	: Use fire-fighting measures that suit the environment. Media Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.
Special Hazards Caused by the Material, its Products of Combustion or Resulting Gases	: Under certain fire conditions, traces of other toxic gases cannot be excluded.
Protecting Equipment	: Wear full protective clothing and self-contained breathing apparatus.
Additional Information	: Dispose of fire debris and contaminated fire-fighting water in accordance with official Regulations.

Section 6: Accidental Release Measures

Observe all relevant local and international regulations.

General Response Procedure : Avoid accidents, clean up and report spills immediately.

Avoid contact with spilled or released material. Shut off leaks, if possible, without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all possible sources of ignition in the surrounding area. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental Precautionary Measures	: Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example, by using fog sprays. Ventilate contaminated area thoroughly.
Methods and Materials for Containment and Clean Up	: For spills transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Use an appropriate absorbent material and dispose of safely.
Additional Information	: Dispose of the material collected according to regulations.

Section 7: Handling and Storage

Precautions for Safe Handling	: Flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment is necessary in area where chemical is being used. Vapours may accumulate in low or confined areas.
Conditions for Safe Storage	: Bulk storage tanks should be banded. Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks.
Incompatibilities	: Store away from incompatible materials such as oxidizing agents, heat and sources of ignition. Store away from direct sunlight and moisture.

Section 8: Exposure Controls / Personal Protection

Exposure Standards	: In the absence of occupational exposure standards for this product, it is recommended that the following be adopted: Mineral Spirits 150-200 HSPA: 350mg/m ³ TWA (8hr).
Biological Limit Values	: No data
Engineering Controls Personal	: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use a flame proof exhaust ventilation system.
Protective Equipment	: Personal protective equipment (PPE) should meet recommended regulatory standards.
Respiratory Protection	: Wear an approved respirator with suitable filter for organic gases and vapours if engineering controls are inadequate
Hand Protection (AS2161)	: Butyl rubber or PVA gloves.
Eye Protection	: Chemical goggles to prevent splashing in the eyes.
Protective Clothing	: Long sleeves and long trousers or coveralls, and safety boots when handling this product.

Section 9: Physical and Chemical Properties

Form	: Liquid
Solubility in Miscibility with Water	: Soluble in water
Colour	: Colourless
Density	: 0.800 – 0.850
Flash Point	: > 37 °C

Section 10: Stability and Reactivity

Stability	: Product is stable under recommended conditions of use, storage and temperature. Flammable liquid.
Conditions to Avoid	: Avoid excessive heat, sparks, open flames, direct sunlight, moisture, freezing, static charges and high temperatures.
Incompatible Materials	: Incompatible with oxidizing agents, heat and sources of ignition.
Hazardous Decomposition	: Products Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Reactions Data	: Not available

Section 11: Toxicological Information

Primary Irritant Effect

Skin Corrosion/Irritation	: Mild irritant. Prolonged contact may cause defatting of skin and can lead to dermatitis.
Serious Eye Damage/Irritation	: Mild irritant.
Respiratory of Skin Sensitisation	: Not expected to be a sensitizer.
Germ Cell Mutagenicity	: Not a mutagenic.
Carcinogenicity	: Not expected to be carcinogenic.
Reproductive Toxicity	: Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) - Single Exposure	: Inhalation of vapours or mists may cause irritation to the respiratory system.
Specific Target Organ Toxicity (STOT) – Repeated Exposure	: Central nervous system: repeated exposure affects the nervous system. Effects seen at high doses only. Auditory system: Prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss.
Aspiration Hazard	: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Section 12: Ecological Information

General Information	: No Data
Degradability	: No Data
Ecotoxicity Effects	: No Data

Section 13: Disposal Considerations

Product	: Must be specially treated under adherence to official regulations.
Un-cleaned Packaging	: Disposal must be made according to official regulations.

Section 14: Transport Information

Proper Shipping Name	: Flammable Liquid
UN Class	: 3
Packing Group	: III

Section 15: Regulatory Information

GHS Hazard Statements

H226	: Flammable liquid and vapour
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Risk (R) Phrases : R22- Harmful if swallowed.
: R40 – Possible risks or irreversible effects
: R38 – Irritating to skin

Safety (S) Phrases : S24 - Avoid contact with skin
: S36 – Wear suitable protective clothing
: S37 – Wear suitable gloves
: S62 – If swallowed, do not induce vomiting

Section 16: Other Information

Department Issuing Data Sheet : Central Auto Parts & Equipment Limited
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This data Sheet and the health, safety and environment information it contains is considered to be accurate as of the data specified below. We have reviewed any information contained herein which we received from sources outside the company. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet.

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