HiChem Paint Technologies Pty.Ltd.
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Email: msdsinfo@hichem.com.au  www.hichem.com.au
If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26}.

Emergency Telephone Number (Police, Fire or Ambulance) : 000

HAZARD IDENTIFICATION
The product is classified as Hazardous Substance in accordance with SAFE WORK Australia – Hazardous Substances Information System {HSIS 2013} AUSTRALIA, Global Harmonised System {GHS} and Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

GHS HAZARDOUS STATEMENTS

<table>
<thead>
<tr>
<th>Statement Type</th>
<th>Statement ‘P’</th>
<th>Precautionary Statement Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>P 101</td>
<td>Seek medical advice if required</td>
</tr>
<tr>
<td>Precautionary</td>
<td>P 102</td>
<td>Carefully read and understand this document during handling and application period. No smoking.</td>
</tr>
<tr>
<td>Prevention</td>
<td>P 233, 234, 235</td>
<td>Keep in original container and tightly closed in a cool dry place when not in use.</td>
</tr>
<tr>
<td></td>
<td>P 241</td>
<td>Ensure all equipment and lighting is explosion proof during the application period.</td>
</tr>
<tr>
<td></td>
<td>P 261, 280</td>
<td>Avoid breathing vapours during application and handling period. Wear the recommended protective equipment at all times.</td>
</tr>
<tr>
<td></td>
<td>P 264</td>
<td>Wash all exposed skin and hair after application and handling period with soap and warm water.</td>
</tr>
<tr>
<td></td>
<td>P 270</td>
<td>Do not smoke, eat or drink during application and handling period.</td>
</tr>
<tr>
<td></td>
<td>P 273</td>
<td>Avoid release to the environment includes drains, sewage and waterways, and atmosphere.</td>
</tr>
<tr>
<td></td>
<td>P 280</td>
<td>The wearing of protective clothes with gloves, organic vapour respirator, face and eye protection during application and handling period.</td>
</tr>
<tr>
<td>Response</td>
<td>P 301, 310</td>
<td>If swallowed, rinse the mouth water immediately. Contact the Poisons Information Centre (Telephone 13 11 26) urgently.</td>
</tr>
<tr>
<td></td>
<td>P 303, 313, 362</td>
<td>If on skin or hair, wash all exposed area with plenty of warm water and soap. Seek medical advice if any irritation occurs. Remove all contaminated clothing immediately.</td>
</tr>
</tbody>
</table>
P 301, 314 If inhaled, removed oneself to fresh air from the contaminated area and keep warm in a comfortable position. Seek medical advice if any symptoms immediately

P 305, 313 If in eyes, immediately flush with plenty of water. Remove contact lenses if safe to do so if worn. Contact urgent medical advice immediately if any irritation or blurring occurs.

P 306, 362, 363 If splashed onto clothing, removed all contaminated clothing and wash with plenty of water immediately before reuse

P 370, 372, 375 If case of fire, use dry sand or earth, or alcohol resistant foam. Containers may explode on heating. If safe to do so, remove all electrical equipment in the direction of fire. Ensure all power supplies are switch off.

P 380, 381 Consider evacuating the area if the fire presents a threat. Eliminate all ignition sources if safe to do so.

P 390, 391 Collect and absorb all spillages onto dry sand or earth and placed into clean, dry and labelled containers prior to disposal.

Storage P 402, 303 Store in a cool, well dry and ventilated place and away from direct sunlight.

Disposal P 501 Dispose carefully unused contents and container(s) to an approved waste disposal site. Further information may be obtained by contacting the Local Statutory Authorities. Ensure all package(s) are labelled as FLAMMABLE LIQUID – Not Otherwise Specified, U.N 1993, CLASS 3, HAZCHEM 3[Y]E.

Product Usage. MOTORSPRAY DEGREASE is a blend of organic solvents containing a industrial detergent is used for cleaning of automotive engines, tools, machinery and equipment. Also can be used on garage floors and concrete driveways and paths by brush or spray. For further information contact HICHEM helpdesk. Telephone 03 9796 3034.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>CAS Number</th>
<th>Composition w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Naphtha (White Spirit - unspecified)</td>
<td>8052 – 41 – 3</td>
<td>73.0 – 77.0 %</td>
</tr>
<tr>
<td>Toluene</td>
<td>108 – 88 – 3</td>
<td>16.0 – 18.0 %</td>
</tr>
<tr>
<td>1,3,5 Tri Methyl Benzene</td>
<td>108 – 67 – 8</td>
<td>2.0 – 3.0 %</td>
</tr>
<tr>
<td>Nonyl Phenol Ethoxylate</td>
<td>127087 – 87 – 0</td>
<td>5.0 – 6.0 %</td>
</tr>
</tbody>
</table>
FIRST AID MEASURES

**Inhalation**
If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim away from the contaminated area to the fresh air. Keep the victim warm and quiet until all symptoms subside. If the victim is not breathing, apply artificial respiration immediately away from the contaminated area.

**Ingestion**
If swallowed, and only if the operator is conscious, give water to drink. **DO NOT** induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.

**Eyes**
If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running for at least 15 minutes. Continue flushing until advised by a doctor.

**Skin and Hair**
If skin and hair contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Continue flushing until advised by a doctor.

**First Aid Facilities**
Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.

**Advice to Doctor**
If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26}. Have a copy of this material safety data sheet or label available. Treat symptomatically as symptoms may be delayed for several hours after exposure.

FIRE FIGHTING MEASURES

**Extinguishing Media and Requirements**
Carbon Dioxide \(\text{CO}_2\), alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains.

**Hazardous Decomposition Products**
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, above the boiling point.

**Flammability**
Highly Flammable Liquid. Flash Point = 4 °Celsius

**Specific Hazards**
Vapours may form explosive/air mixtures.

**Precautions in connection with Fire**
Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus incorporating an Organic Vapour Respirator and gloves. Evacuate all non fire-fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all packages and equipment from the direction of the fire, if safe to do so. Keep upwind.
ACCIDENTAL RELEASE MEASURES

**Emergency Procedures.**
Contains all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. Remove all sources of ignition and **NO SMOKING.** Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS–NZ 1715/16. Keep upwind. Absorb all spilt contents onto sand or earth.

**Disposal**
Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.

**Other Precautions**
Ensure there is adequate ventilation at all times during the cleaning up period.

HANDLING and STORAGE

**Precautions for Safe Handling**
Highly Flammable Liquid. Remove all sources of ignition. Wear the recommended Personal Protective Equipment including organic vapour respirator, eye/face protection, protective clothing, gloves and enclosed footwear. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash all exposed skin and hair with soap and water.

EXPOSURE CONTROLS for 8 hours

**Exposure Standards**
- **MAK**
  - Solvent Naphtha (White Spirit) Light Aliphatic = 100 milligram/cubic metre
  - Toluene = 190 milligram/cubic metre

PERSONAL PROTECTION

**Inhalation**
The wearing of Organic Vapour Respirator **should be** worn at all times during the application and handling period.

**Eye**
The wearing of safety glasses fitted with side shields **should be** worn at all times during the application and handling period. Do not wear contact lenses.

**Gloves**
The wearing of Neoprene or PVC gloves **should be** worn at all times during the application and handling period.

**Footwear**
The wearing of enclosed footwear **should be** worn at all times during the application and handling period.

**Clothing**
The wearing of anti–static clothing made on natural or synthetic high temperature fibre **should be** worn at all times during the application and handling period.

**Hearing**
Not required.

**Other Requirements**
Avoid contact with eyes and skin at all times. Avoid inhaling vapours.
PHYSICAL – CHEMICAL PROPERTIES

**Appearance**
A colourless liquid with a mild odour.

**pH**
Not required.

**Vapour Pressure**
Greater than 1

(Butyl Acetate = 1)

**Boiling Point °C**
110 to 200 °Celsius

**Density**
0.80

**Solubility in water**
Miscible

**Flash Point °C**
4 °Celsius (literature value)

**Flammability**
Lower Explosive Limit = 1.0

Upper Explosive Limit = 7.8

**Auto Ignition °C**
250 °Celsius (literature value)

**Volatile Organic Compounds VOC**
95.0 % volume/volume

**Volatile Components**
Liquid Hydrocarbons.

STABILITY and REACTIVITY

**Chemical Stability**
Stable under normal conditions of use.

**Conditions to avoid**
Avoid contact with heat and all ignition sources.

**Hazardous decomposition products**
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke.

**Incompatible materials**
Incompatible with strong oxidizing agents

**Hazardous Reactions**
Will not polymerize.

TOXICOLOGICAL INFORMATION

**Ingredient**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Inhalation LC50</th>
<th>Dermal LD50</th>
<th>Oral LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>28.8 mgm/Litre</td>
<td>12200 mgm/kgm</td>
<td>5580 mgm/kgm</td>
</tr>
<tr>
<td>Solvent Naphtha (White Spirit)</td>
<td>20 mgm/Litre</td>
<td>2000 mgm/kgm</td>
<td>2000 mgm/kgm</td>
</tr>
<tr>
<td>Mesitylene</td>
<td>24 mgm/Litre</td>
<td>2000 mgm/Litre</td>
<td>5000 mgm/kgm</td>
</tr>
</tbody>
</table>

**Health Effects – Toxicological and Other Health Information**

**Inhalation**
No data available

**Ingestion**
No data available.

**Eyes**
If in eyes, may cause other symptoms including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.

**Skin**
May have degreasing effect on the skin may result in contact dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.

**Carcinogenic**
Not carcinogenic in animal studies.

**Mutagenic**
Not mutagenic in animal studies.

**Reproductive Toxicity**
No data available
ECOLOGICAL INFORMATION

Environment May cause long lasting harmful effects in the aquatic environment.
Persistence/ Degradability No data available.
Mobility No data available
Environment Protection Not Known

DISPOSAL CONSIDERATIONS

Collect all residues and placed into labelled and sealed containers. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents. Crush all small empty containers. Large containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and sewage.

TRANSPORT INFORMATION

UN number 1993
Proper Shipping Name FLAMMABLE LIQUID, Not Otherwise Specified,
Class 3
Packing Group II
Emergency Procedures EP 3300
HAZCHEM 3[Y E
IMDG Not Known

REGULATORY INFORMATION

Regulatory Information and Hazard Category The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA (HSIS) and Globally Harmonised System as Harmful and Irritant.
SUSMP Classification Classified as a Schedule S 5 Poison.
OTHER INFORMATION

Emergency Contact
Poisons Information Centre 13 11 26

HiChem Paint Technologies
(03) 9796 3400

Disclaimer
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