SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier
- Chemical Name: Not applicable.
- CAS No.: Mixture
- Trade Name: Clean Ride
- Product code: None

Relevant identified uses of the substance or mixture and uses advised against
- Identified Use(s): Lubricant
- Uses Advised Against: None

Company Identification
- White Lightning Co.
- 50 Wireless Blvd.
- Hauppauge, NY 11788

Emergency telephone number
- Emergency Phone No.: Medical Emergency: PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
- Transportation Emergency: CHEMTREC 24 hr: 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
  - Flam. Liq. 2
  - Skin Imit. 2
  - STOT SE 3
  - Asp. Tox. 1

Label elements
- Hazard Symbol: DANGER
- Hazard Statement(s):
  - Highly flammable liquid and vapour.
  - May be fatal if swallowed and enters airways.
  - Causes skin irritation.
  - May cause drowsiness or dizziness.
Clean Ride

Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Wash hands and exposed skin after use.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Keep out of reach of children.

Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>60 - 80</td>
<td>426260-76-6</td>
</tr>
<tr>
<td>isopropanol</td>
<td>&lt;1.3</td>
<td>67-63-0</td>
</tr>
</tbody>
</table>

Additional Information - None

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation

Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Will cause skin irritation. Vapours may cause drowsiness and dizziness.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

-Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

- Unsuitable extinguishing Media

Do not use water jet.
Special hazards arising from the substance or mixture

Highly flammable vapour (flash point below 23°C).

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes.

Environmental precautions

Prevent liquid entering sewers, basements and workpits.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

Conditions for safe storage, including any incompatibilities

- Storage temperature
  Keep in a cool, well ventilated place.

- Incompatible materials
  This product should be stored away from sources of strong heat or oxidising chemicals.

Specific end use(s)

Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>(8hr TWA)</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PEL (OSHA)</td>
<td>TLV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(ACGIH)</td>
<td>(ACGIH)</td>
</tr>
<tr>
<td>Heptane, branched, cylic and linear</td>
<td>426260-76-6</td>
<td>500 ppm*</td>
<td>1500 mg/m³</td>
</tr>
</tbody>
</table>

Recommended monitoring method

NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C)

Exposure controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Appropriate engineering controls

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).
**Clean Ride**

**Skin protection (Hand protection/ Other)**
Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)

**Respiratory protection**
In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards**
Not normally required.

**Environmental Exposure Controls**
None known

---

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Bluish</td>
</tr>
<tr>
<td>Odour</td>
<td>Petroleum spirit</td>
</tr>
<tr>
<td>Odour Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>&gt;90 (Heptane, branched, cyclic and linear)</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-9 (Heptane, branched, cyclic and linear)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Highly flammable</td>
</tr>
<tr>
<td>Explosive Limit Ranges</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour pressure (Pascal)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not oxidising.</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available</td>
</tr>
</tbody>
</table>

---

**SECTION 10: STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>Stability and Reactivity Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>None anticipated.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Avoid contact with heat and ignition sources.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Strong oxidising agents</td>
</tr>
<tr>
<td>Hazardous decomposition product(s)</td>
<td>None known</td>
</tr>
</tbody>
</table>
SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures
Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity
- Oral: LD50 >5 g/kg-bw
- Dermal: LD50 >2 g/kg-bw
- Inhalation: LC50 = 65 - 103 mg/L (Vapour), 4-hr. rat
  May cause drowsiness or dizziness.
  May be fatal if swallowed and enters airways.

Irritation/Corrosivity
- Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitisation
- It is not a skin sensitizer.

Repeated dose toxicity
- NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)
- LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)
  May cause drowsiness or dizziness.

Carcinogenicity
- No data. It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
- There is no evidence of mutagenic potential.

Toxicity for reproduction
- No information available

Isopropanol (CAS# 67-63-0):

Acute toxicity
- Oral: LD50 > 5.84 g/kg (rat)
- Inhalation: > 10000 ppm (rat)
- Dermal: LD50 = 16.4 mL/kg (rabbit) 24 hour(s)
  May cause drowsiness or dizziness.

Irritation/Corrosivity
- Irritating to eyes.

Sensitisation
- It is not a skin sensitiser.

Repeated dose toxicity
- NOAEL = 5,000 ppm (Inhalation)
  May cause drowsiness or dizziness.

Carcinogenicity
- It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
- There is no evidence of mutagenic potential.

Toxicity for reproduction
- There is no evidence of toxicity to the reproduction system

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term
- LL50 (96 hour): >13.4 mg/L (Oncorhynchus mykiss)
- EL50 (48 hour): 3 mg/L (Daphnia magna, mobility)
- EC50 (96 hour): 13 mg/L (Pseudokirchnerella subcapitata)
Clean Ride

Isopropanol (CAS# 67-63-0):

Short term

LC50 (96 hour): 10,000 mg/l (Fathead minnow (Pimephales promelas))
LC50 24hour(s): >10,000 mg/l (Daphnia magna)

Long Term

NOEL: 6.3 mg/l (Algae)
LOEC (28 days): 1.5 mg/l (Fish) QSAR

Persistence and degradability
Not available.

Biocumulative potential
Not available.

Mobility in soil
Not available.

Results of PBT and vPvB assessment
Not classified as PBT or vPvB.

Other adverse effects
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

Land transport
Sea transport
Air transport

<table>
<thead>
<tr>
<th>Land transport (U.S. DOT)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>Proper Shipping Name</td>
<td>Transport hazard class(es)</td>
</tr>
<tr>
<td>1206</td>
<td>Heptanes mixture</td>
<td>3</td>
</tr>
<tr>
<td>1206</td>
<td>Heptanes mixture</td>
<td>3</td>
</tr>
<tr>
<td>1206</td>
<td>Heptanes mixture</td>
<td>3</td>
</tr>
</tbody>
</table>

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories:

- Fire
- Sudden Release
- Reactivity
- Immediate (acute)
- Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
SARA 302 - Extremely Hazardous Substances (40 CFR 355):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: May 30, 2014

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