Section 1. Product and Company Identification

Product Identifier: J40, - Hot Shot Degreaser

Product Use Description: Thin clear Dark Red liquid with Lemon odor - For use as an exterior use General purpose cleaner or degreaser on automotive surfaces

Manufacturer or suppliers’ details

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545
Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

Section 2. Hazards Identification

GHS Classification

Skin Corrosion/Irritation: Category 1A
Eye Damage: Category 1

GHS Label Elements

Hazard Pictograms

Hazard Word: Danger

Hazard Statements

H314: Causes severe skin burns and eye damage
H302: Harmful if swallowed

Precautionary Statements

P260: Do not breathe dust/fume/gas/mist/vapours/spray
P264: Wash skin thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P363: Rinse out
P305+351+338: Wash contaminated clothing before reuse
P311+: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P301+330+331: Call a POISON CENTER or doctor/physician
P311: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P304+340: Call a POISON CENTER or doctor/physician
P310: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician

3. Composition Information on Ingredients
Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

4. First Aid Measures

IN CASE OF CONTACT, immediately flush with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Destroy contaminated shoes.

IF SWALLOWED, do NOT induce vomiting. Give water to drink. Get medical attention immediately. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF INHALED, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. Fire Fighting Measures

Fire fighters and other who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand NIOSH approved or equivalent). Fire fighting equipment should be thoroughly decontaminated after use.

Contact with metal can form hydrogen gas. Hydrogen is extremely flammable and can form explosive mixtures with air. Closed containers may explode when heated or contents contaminated with water.

6. Accidental Release Measures

Stop the leak, if possible. Ventilate the space involved. Contain, vacuum up, place in non-sparking container for disposal. Prevent waterway contamination. Construct a dike to prevent spreading. Collect run-off and transfer to drums or tanks for later disposal. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

7. Handling and Storage

Do not get in eyes, or skin or on clothing. Do not breathe mist. Keep container closed. Use only with adequate ventilation. Do not taste or swallow. Wash thoroughly after handling. To avoid rapid temperature rise, violent spattering, or explosive eruptions always add caustic to water when mixing.
Never add water to a caustic when mixing. Heat water to 80-100°F before adding product. Add small amounts of product slowly and evenly over single addition. Water should not exceed 160°F during addition.

Storage: Do NOT store near strong acids.

8. Exposure Controls and Personal Protection

Investigate engineering techniques to reduce exposures below airborne exposure limits. Provide ventilation if necessary to control exposure levels below airborne exposure limits (see below). Dilution ventilation acceptable, but local mechanical exhaust ventilation preferred, if practical, at sources of air contamination such as open process equipment. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. Monitor carbon monoxide and oxygen levels in tank and enclosed spaces.

Eye/ Face Protection:
Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye-flushing equipment immediately available.

Skin Protection:
Natural rubber or Polyvinyl chloride gloves should be worn when handling this material. Wear chemical goggles, a face shield, and chemical resistant clothing such as a rubber apron when splashing may occur. Rinse immediately if skin is contaminated. Remove contaminated clothing promptly and wash before reuse. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash skin thoroughly after handling.

Respiratory Protection:
Avoid breathing vapor or mist. Use NIOSH approved respiratory protection equipment appropriate to the material and/or its components when airborne exposure limits are exceeded (see below). Consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where exposure limit may be significantly exceeded, use an approved full-face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR & 1910.134.

Other Protective Equipment: Rubber boots, Rubber suit or Apron, Chemical resistant protective clothing.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto Ignition</td>
<td>N/A</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>13</td>
</tr>
<tr>
<td>Specific Gravity</td>
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<tr>
<td>Vapor Density (Air=1)</td>
<td>N/A</td>
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<tr>
<td>Upper Flamability Limit</td>
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<tr>
<td>Lower Flamability Limit</td>
<td>N/A</td>
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<tr>
<td>Color</td>
<td>Dark Red</td>
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<tr>
<td>Vapor Press</td>
<td>1.6 mm/Hg @20°C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Thin</td>
</tr>
<tr>
<td>Melting Point °F</td>
<td>20</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

Water Solubility: Complete

VOC Content: .49%, .043 lb/Gal

Stability: Stable

Hazardous Polymerization: Not Expected to Occur

Conditions to Avoid: Avoid strong acids, metals and organic material such as chlorinated hydrocarbons.

Hazardous Decomposition Products: Explosive hydrogen gas can be liberated on contact with metals, such as zinc, tin or aluminum. Hydrogen gas can result in explosive hazards in confined spaces.

11. Toxicological Information

Acute oral toxicity: Acute toxicity estimation LD50 > 5,000 mg/Kg Calculation Method (rat)

12. Ecological Information

Toxicity: Acute toxicity estimation EC50 > 700 mg/Kg (Calculation Method 3.1.3.6.1) 48 hr (fish)

13. Disposal Considerations

Consult with environmental engineer or professional to determine if neutralization is appropriate and for handling procedures for residual material. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulation.

14. Transportation Information

Domestic Ground Shipments less than 1.3 gallon
This product is not considered a Corrosive Hazard, except 173.154 (b)(2)

International Shipments and Shipment by Air, packages over 1.3 gallon
UN1760, Corrosive Liquid, n.o.s. (Sodium Hydroxide), 8, PGIII

Reportable Quantity: 1,000 lb - Trucks, Corrosive Placards

15. Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
Sodium Hydroxide RQ 1000 lb
SARA 311/312 Hazards: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 311/412.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List - Not Regulated

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) - Not Regulated

Safe Drinking Water Act - Not Regulated

Ingredient Related Regulatory Information:
SARA Reportable Quantities CERCLA RQ SARA TPQ - Sodium Hydroxide 1000 Lbs.

Massachusetts Right to know
This product does contain the following chemical(s), as indicated below, currently on the Massachusetts Right-to-Know Substances List. - Sodium Hydroxide

New Jersey Right to know
This product does contain the following chemical(s), as indicated below, currently on the New Jersey Right-to-Know Substances List. - Sodium Hydroxide

Pennsylvania Environmental Hazard
This product does contain the following chemical(s), as indicated below, currently on the Pennsylvania Environmental Hazard List. - Sodium Hydroxide

Pennsylvania Right to Know
This product does contain the following chemical(s), as indicated below, currently on the Pennsylvania Hazardous Substance List. - Sodium Hydroxide

CARB VOC info: 49% VOC as regulated by CARB Consumer Products requirements, general purpose degreaser, § 94509 (a)

ARB VOC Info: 0.042 lb/gal VOC; 4.81 g/L

16. Other Information

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.
Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH  American Conference of Government Industrial Hygienists
LD50  Lethal Dose 50%
AICS  Australia, Inventory of Chemical Substances
LOAEL  Lowest Observed Adverse Effect Level
DSL  Canada, Domestic Substances List
NFPA  National Fire Protection Agency
NDSL  Canada, Non-Domestic Substances List
NIOSH  National Institute for Occupational Safety & Health
CNS  Central Nervous System
NTP  National Toxicology Program
CAS  Chemical Abstract Service
NZIoC  New Zealand Inventory of Chemicals
EC50  Effective Concentration
NOAEL  No Observable Adverse Effect Level
EC50  Effective Concentration 50%
NOEC  No Observed Effect Concentration
EGEST  EOSCA Generic Exposure Scenario Tool
OSHA  Occupational Safety & Health Administration
EOSCA  European Oilfield Specialty Chemicals Association
PEL  Permissible Exposure Limit
EINECS  European Inventory of Existing Chemical Substances
PICCS  Philippines Inventory of Commercial Chemical Substances
MAK  Germany Maximum Concentration Values
PRNT  Presumed Not Toxic
GHS  Globally Harmonized System
RCRA  Resource Conservation Recovery Act
>=  Greater Than or Equal To
STEL  Short-term Exposure Limit
IC50  Inhibition Concentration 50%
SARA  Superfund Amendments and Reauthorization Act.
IARC  International Agency for Research on Cancer
TLV  Threshold Limit Value
IECSC  Inventory of Existing Chemical Substances in China
TWA  Time Weighted Average
ENCS  Japan, Inventory of Existing and New Chemical Substances
TSCA  Toxic Substance Control Act
KECI  Korea, Existing Chemical Inventory
UVCB  Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=  Less Than or Equal To
WHMIS  Workplace Hazardous Materials Information System
LC50  Lethal Concentration 50%