



Section 1. Product and Company Identification

Product Identifier G18- Super Pak

Product Use Description: Bright Orange liquid with low odor for use as a dilutable concentrated General Purpose Cleaner in automobiles

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

Eye Damage : Category 1

Hazardous to Aquatic Environment : Category 2

GHS Label Elements

Hazard pictograms



Hazard Word Warning

Hazard Statements

Causes serious eye damage
Toxic to aquatic life with long lasting effects

Precautionary Statements

Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection



IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
Immediately call a POISON CENTER or doctor/physician
Collect spillage
Dispose of contents/container to an approved waste disposal plant.
Not expected to be irritating to skin
May be harmful if swallowed

3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
6834-92-0	3-7%	Sodium Metasilicate
7320-34-5	1-4%	Tetrapotassium pyrophosphate
not available	3-7%	Quaternary Amine Compound

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 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes that can not be decontaminated.

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.

IN CASE OF EYE CONTACT - Rinse with plenty of water. Get medical attention immediately. Continue to rinse during transport of patient. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

5. Fire Fighting Measures

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting / Specific hazards arising from the chemical : Do not allow run-off from fire fighting to enter drains or water courses.

Combustion products : Carbon oxides, Nitrogen oxides (NOx) Halogenated compounds Hydrogen chloride



Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental Release Measures

Stop the leak, if possible. Ventilate the space involved.
Contain, vacuum up, place in 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.

Wear personal protective as described in personal protection section (8).

Storage: Do NOT store near strong acids.

8. Exposure Controls and Personal Protection

6834-92-0	Sodium Metasilicate	15 mg/m ³ total dust (OSHA TWA) 5 mg/m ³ respirable fraction
7320-34-5	Tetrapotassium pyrophosphate	Not Available
not available	Quaternary Amine Compound	Not Available

Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling



Eyes: Use proper protection - safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Comments: When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

9. Physical and Chemical Properties

Flash Point N/A	Upper Flamability Limit N/A	
Auto Ignition N/A	Lower Flamability Limit N/A	
Physical State Liquid	Color Orange	Vapor Press 1.6 mm/Hg @20C
pH 11	Specific Gravity 1.109	Viscosity thin
Vapor Density (Air=1) N/A	Melting Point °F 28	Odor Low
Water Solubility complete	VOC Content 0.0 lb/Gal	

10. Stability and Reactivity

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 toxicity

Acute oral toxicity

LD50, Rat, > 2,000 mg/kg

Acute dermal toxicity

LD50, Rabbit, > 2,000 mg/kg

Acute inhalation toxicity

Product test data not available.

Skin corrosion/irritation

Moderate irritation

Serious eye damage/eye irritation

Risk of serious damage to eyes

Sensitization



Does not cause skin sensitization.

12. Ecological Information

Ecotoxicity:

Ecotoxicity in water : Ethoxylated Alcohol

(LC50): 10-100 mg/l 96 hours [Fish].

10-100 mg/l 48 hours [Daphnia magna].

1-10 mg/l 72 hours [Algae]

Biodegradation: Readily Biodegradable

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 regulation

49 CFR : Not regulated as a dangerous good

TDG : Not regulated as a dangerous good

NOM-002-SCT : Not regulated as a dangerous good

IATA-DGR : UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Quaternary alkylamine ethoxylate), 9, PG III

IIMDG-Code : UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Quaternary alkylamine ethoxylate), 9, PG III

15. Regulatory Information

OSHA Hazards : Severe eye irritant

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

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

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.

16. Other Information **Revision Date** 5/30/2015

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 Sub- stances List
- NFPA National Fire Protection Agency
- NDSL Canada, Non-Domestic Sub- stances 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 Exist- ing Chemical Substances
- PICCS Philipines 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%