



Section 1. Product and Company Identification

Product Identifier DE46 - Zap It Refresher

Product Use Description: Clear liquid with fresh fragrance for use as an odor neutralizing liquid 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

GHS Label Elements

Hazard pictograms

Hazard Word No Hazardous ingredients at concentration requiring notification

Hazard Statements

none

Precautionary Statements

If eye irritation occurs get medical advice/attention
IF SKIN IRRITATION OCCURS:
Get medical advice/attention



3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
		None above reportable percentage

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

Eye: Immediately flush with water. If any irritation or discomfort occurs, consult physician

Skin: No first aid should be needed. Thoroughly wash the affected area as a precaution.

Inhalation: Inhalation of any liquid should be considered potentially dangerous, consult a physician.

Oral: No first aid should be needed for oral contact. If product is swallowed, consult physician.

Comments: Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media:

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards:

None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.

6. Accidental Release Measures

Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.



Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain federal and state requirements.

7. Handling and Storage

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

8. Exposure Controls and Personal Protection

None above reportable percentage

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 None	Upper Flamability Limit Not Determined	
Auto Ignition Not Determined	Lower Flamability Limit Not Determined	
Physical State Liquid	Color White	Vapor Press Not Determined
pH 6.8	Specific Gravity 0.98	Viscosity 2 cSt
Vapor Density (Air=1) Not Determined	Melting Point °F 28°F	Odor None
Water Solubility Dispersable	VOC Content <1%	

10. Stability and Reactivity

Stability Stable **Hazardous Polymerization** Not Expected to Occur

Conditions to Avoid Oxidizing materials can cause a reaction

Hazardous Decomposition Products When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

11. Toxicological Information

Acute toxicity

Acute oral toxicity

LD50, Rat, > 5,000 mg/kg

Acute dermal toxicity

LD50, Rabbit, > 5,000 mg/kg

Acute inhalation toxicity

Product test data not available.

Skin corrosion/irritation

slight irritation

Serious eye damage/eye irritation

slight irritation

Sensitization

Does not cause skin sensitisation.

12. Ecological Information

Complete information is not yet available

13. Disposal Considerations

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.



14. Transportation Information

Not subject to DOT. Not regulated

Not subject to IMDG code.

Not subject to IATA regulations

15. Regulatory Information

OSHA Hazards : None

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 : No

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

16. Other Information Revision Date 5/29/2015

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 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%



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