1 Identification of the substance and manufacturer

Trade name: Gas Yellow
Product code: 4633
Manufacturer/Supplier: Rainbow Technology Corporation
261 Cahaba Valley Parkway, Pelham, AL 35124
Phone: 800-637-8047 Contact: Larry Joe Steeley, Jr.
www.rainbowtech.net
Emergency telephone number: CHEMTEL 1-800-255-3924 or 813-248-0585 "if located outside the U.S."

2 Hazard(s) identification

Classification of the substance or mixture
Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
GHS Hazard pictograms
GHS02 GHS04 GHS07 GHS08

Signal word
Danger

Hazard-determining components of labeling:
Calcium Carbonate
titanium dioxide

Hazard statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Do not breathe dust/fume/gas/mist/vapors/spray.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Protect from sunlight. Store in a well-ventilated place.
Do not inject.
Physical dangers:
Effects of chronic overexposure:
May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Chemical Description:
This product is a mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-89-8 VM&amp;P Naphtha</td>
<td>19.14%</td>
</tr>
<tr>
<td>1317-65-3 Calcium Carbonate</td>
<td>14.73%</td>
</tr>
<tr>
<td>74-98-6 propane</td>
<td>12.8%</td>
</tr>
<tr>
<td>106-97-8 n-butane</td>
<td>7.4%</td>
</tr>
<tr>
<td>64742-47-8 Mineral Spirits</td>
<td>4.49%</td>
</tr>
<tr>
<td>13463-87-7 titanium dioxide</td>
<td>1.74%</td>
</tr>
</tbody>
</table>

4 First-aid measures

Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing: Rinse mouth with water. Do not induce vomiting.
Information for doctor:
Most important symptoms and effects: Dizziness
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing media
CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.
Protective equipment for firefighters:
A respiratory protective device may be necessary.
6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions:
Do not allow product to reach sewage systems or ground water.

Methods and material for containment and cleaning up:
Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling:
Use only in well ventilated areas.

Fire/exlosion protection:
Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Conditions for safe storage:
Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL Long-term value</th>
<th>REL Long-term value</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6 propane</td>
<td>1800 mg/m³, 1000 ppm</td>
<td>1800 mg/m³, 1000 ppm</td>
<td>refer to Appendix F in TLVs and BEIs book</td>
</tr>
<tr>
<td>106-97-8 n-butane</td>
<td>1900 mg/m³, 800 ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Exposure controls

Hygienic protection:
Wash hands after use.
Do not eat or drink while working.

Breathing equipment:
A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:
Nitrile gloves. Protective gloves. The glove material must be impermeable and resistant to the substance.

Eye protection:
Tightly sealed goggles.

9 Physical and chemical properties

General Information:
Appearance: Aerosol.
Odor threshold: Not determined.
pH-value: Not determined.
Melting point/Melting range: Undetermined.
Boiling point:
-44 °C (-47 °F)
Flash point: -19 °C (-2 °F)
Decomposition temperature: Not determined.
Auto igniting: Product is not self-igniting.
Danger of explosion: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit. In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Vapor pressure: 40 PSI 2750 hPa
Vapor Pressure: 40 PSI, 2750 hPa
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapour density: Not determined.
Evaporation rate: Not applicable.
Partition coefficient: n-octonal/water: Not determined.
Solubility: Not determined.
Viscosity: Not determined.
Dynamic: Not determined.
Kinematic: Not determined.
VOC content: 529.1 g/l / 4.42 lb/gl
VOC content (less exempt solvents): 45.1 %
Water: 28.6 %
MIR Value: 0.53
Solids content: 25.1 %
Trade name: Gas Yellow

10 Stability and reactivity

Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:

<table>
<thead>
<tr>
<th>Compound</th>
<th>LD50/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-butane</td>
<td>658 mg/l (rat)</td>
</tr>
<tr>
<td>titanium dioxide</td>
<td>&gt;6.82 mg/l (rat)</td>
</tr>
</tbody>
</table>

Skin effects: No irritant effect.

Eye effects: No irritating effect.

Sensitization: No sensitizing effects known.

IARC (International Agency for Research on Cancer)

2B titanium dioxide

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: Hazardous for water, do not empty into drains.

Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.

Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Waste treatment methods

Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number: UN1950

DOT: N/A

UN proper shipping name: Consumer Commodity ORM-D

DOT: Aerosols, flammable

Transport hazard class(es):

Class: 2.1

Marine pollutant: No

Special precautions for user: Warning: Gases

EMS Number: F-D,S-U

Packaging Group: --

15 Regulatory information

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

CANADIAN ENVIRONMENTAL PROTECTION ACT: All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

EPA: None of the ingredients is listed.

GHS label elements

Hazard statements: The product is classified and labeled according to the Globally Harmonized System (GHS). Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Do not breathe dust/fume/gas/mist/vapors/spray.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Protect from sunlight. Store in a well-ventilated place.
Store in a well-ventilated place. Keep container tightly closed.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information
This product was manufactured in the U.S.A.
The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Contact: Larry Joe Steeley, Jr. 800-637-6047
Date of preparation / last revision 03/17/2016 / -