

Safety Data Sheet

Printing date 03/17/2016

Revised On 03/17/2016

1 Identification of the substance and manufacturer

Trade name: Fluorescent Hot Pink
Product code: 4637
Manufacturer/Supplier: Rainbow Technology Corporation
 261 Cahaba Valley Parkway, Pelham, AL 35124
 Phone: 800-637-6047 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:**Hazard statements**

Calcium Carbonate
 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.

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.

Dangerous components:

64742-89-8	VM&P Naphtha	18.43%
74-98-6	propane	15.13%
1317-65-3	Calcium Carbonate	11.61%
106-97-8	n-butane	8.88%
64742-47-8	Mineral Spirits	3.74%
110-19-0	isobutyl acetate	3.26%

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:
Extinguishing agents: 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.
Additional information: Cool endangered receptacles with water spray.

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6 Accidental release measures**Personal precautions, protective equipment and emergency procedures:****Environmental precautions:****Methods and material for containment and cleaning up:**

Use respiratory protective device against the effects of fumes/dust/aerosol.
Do not allow product to reach sewage systems or ground water.

Absorb liquid components with liquid-binding material.

7 Handling and storage**Precautions for safe handling****Fire/explosion protection:**

Use only in well ventilated areas.

Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Conditions for safe storage:**Storage requirements:**

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:****74-98-6 propane**

PEL Long-term value: 1800 mg/m³, 1000 ppm
REL Long-term value: 1800 mg/m³, 1000 ppm
TLV refer to Appendix F in TLVs and BEIs book

106-97-8 n-butane

REL Long-term value: 1900 mg/m³, 800 ppm
TLV Short-term value: 2370 mg/m³, 1000 ppm

110-19-0 isobutyl acetate

PEL Long-term value: 700 mg/m³, 150 ppm
REL Long-term value: 700 mg/m³, 150 ppm
TLV Short-term value: NIC-712 mg/m³, NIC-150 ppm
Long-term value: (713) NIC-238 mg/m³, (150) NIC-50 ppm

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.

Eye protection:

Protective gloves. The glove material must be impermeable and resistant to the substance.
Tightly sealed goggles

9 Physical and chemical properties**General Information:****Appearance:**

Aerosol.

Odor:

Solvent

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-octanol/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):

50.7 %

Water:

24.8 %

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MIR Value: 0.58
Solids content: 23.4 %

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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:

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

110-19-0 isobutyl acetate

Oral LD50 4763 mg/kg (rbt)

Skin effects: No irritant effect.
Eye effects: No irritating effect.
Sensitization: No sensitizing effects known.

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

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:
DOT Consumer Commodity ORM-D
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:**

100-41-4 ethyl benzene

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

EPA:

110-19-0 isobutyl acetate

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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.

Precautionary statements

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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

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