

Candy Concentrate Pigments

Material Safety Data Sheet dated: October 15, 2006

G1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name: **Candy Concentrate Pigments**

Trade code: **Pigment**

Manufactured for: Alsa Corporation
2640 E. 37th Street
Vernon, CA 90058
323-581-5200

Emergency telephone number of the company and/or of an authorised advisory center:
Infotrac Chemical Emergency Response – 800-535-5053 / 352-323-3500

G2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:
90% propylene glycol monomethyl ether

G3. HAZARDS IDENTIFICATION

The vapors are heavier than air. In case of fire, the vapors can also catch fire at a fair distance from the release point. The product will catch fire if it is heated or comes in contact with flames or sparks. When mixed with air, the vapors can be explosive. Following inhalation of the product, some of the following symptoms or effects can occur: irritation of the respiratory tract, depression of the central nervous system, headache, dizziness, nausea, vomiting, and systemic effects. Contact with the eyes can cause irritation, redness, lacrimation (the secretion of tears), and burning.

G4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes:

Wash immediately with a gentle stream of water for at least 15 minutes. If irritation, redness, lacrimation (the secretion of tears), or burning persists, OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Swallowing:

OBTAIN A MEDICAL EXAMINATION if patient feels unwell.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. Administer Oxygen. OBTAIN MEDICAL ATTENTION.

G5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

In case of fire, use CO₂, Foam, or Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

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Avoid inhaling the fumes. Incomplete combustion of the product can give rise to carbon monoxide. Heating the product in closed containers can cause an increase in internal pressure, with the risk of fire and explosion.

Protective equipment:

Use protection for the respiratory tract.
Cool the containers exposed to the fire with water.

G6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use respirator, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

G7. HANDLING AND STORAGE

Handling precautions:

Keep the product from coming in contact with ignition sources such as open flames, sparks, and very hot surfaces.

Use equipment that is suitably grounded against electrical discharges.

Workers who use or are in contact with this product should not wear contact lenses.

Use only in well-ventilated areas or areas that have localized power ventilation.

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

Incompatible materials:

None in particular.

Storage conditions:

Keep away from unguarded flame, sparks, and heat sources.

Instructions as regards storage premises:

Cool and adequately ventilated.

G8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use protective eyewear or full face protectors.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
skin [European Community Directive 2000/39]

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G9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color: TRANSPARENT TINTED LIQUID

Odor: Mild solvent odor.

Flash point: 33°C TCC

Auto-ignition point: 277°C

Specific Gravity: 0.923

Solubility in water: COMPLETE

G10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire. Reacts with hydrogen peroxide + nitric acid, yielding a reaction product that can explode following a shock. Can ignite if placed in contact with potassium t-butoxide. Reacts violently with chloroform in an alkaline environment. Avoid contact with strong oxidizing agents where reaction with such agents results in the giving off of heat.

Hazardous decomposition products:

None.

G11. TOXICOLOGICAL INFORMATION

Exposure through inhalation:

Inhalation of propylene glycol monomethyl ether can cause: irritation of the nose, of the eyes, and of the throat, as well as nausea, headache, and depression of the central nervous system. Cardio-respiratory failure can also occur.

Exposure through ingestion:

Intoxication by ingestion of propylene glycol monomethyl ether may cause: nausea, vomiting, drowsiness, depression of the respiration, coughing, and bronchial irritation.

Exposure through contact with the skin and eyes:

Repeated or prolonged exposure to the skin can cause cracking and skin inflammation.

Contact with the eyes can cause irritation, reddening, lacrimation, and burning.

G12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

G13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

G14. TRANSPORT INFORMATION

Road (ADR): 3.31b

Rail (RID): 3.31b

Air (ICAO/IATA): CLASS 3

Sea (IMO): CLASS 3.3

UN number: 1263

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G15. REGULATORY INFORMATION

88/379/EEC (Classification and Labelling):

Symbols:

Harmful



Contains:

Propylene glycol monomethyl ether

R Phrases:

Harmful if inhaled. (R 20)

Irritating to the eyes. (R 36)

S Phrases:

Do not breathe gas/fumes/vapors/spray. (S 23)

Use only in well ventilated areas. (S 51)

Use suitable protective clothing. (S 36)

G16. OTHER INFORMATION

Main bibliographic sources:

- National Toxicology Program (NTP) — U. S. Department of Health and Human Services
- NIOSH – Registry of toxic Effects of Chemical Substances [TN: NIOSH = National Institute for Occupational Safety and Health]
- SAX's-Dangerous Properties of Industrial Materials (7th Edition)

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.