

SOLVENT GREEN MIXED

1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

Product Name: C.I. SOLVENT GREEN MIXED

1.2 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT
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2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Percent	Hazard Symbol	R-phrases
SOLVENT BLUE 70	12237-24-0	~ 70%		
SOLVENT YELLOW 21	5601-29-6	~ 30%		

3 HAZARD IDENTIFICATION

Emergency Overview: Essentially non-hazardous

HMIS Ratings

Health: 1-Slight
Flammability: 1-Slight
Reactivity: 1-Slight
Personal protection: F-Safety glasses, gloves, chemical apron, dust respirator.

Potential Health Effects

Inhalation: Low health risk by inhalation. Treat as nuisance dust.
Ingestion: No significant effects.
Skin Contact: May cause skin irritation if in contact for extended time.
Eye Contact: May cause mechanical irritation.
Chronic Exposure: None known.

4 FIRST AID MEASURES

General measures: Remove contaminated clothing.
Inhalation: Remove subject to fresh air. Get medical attention if necessary.
Skin contact: Wash thoroughly with soap and water. If skin irritation occurs, seek medical attention.
Eyes contact: Flush immediately under running water for atleast fifteen minutes. If redness or irritation occurs, seek medical attention.
Ingestion: Rinse mouth and then drink plenty of water, induce vomiting. Seek medical advice immediately and show this container or label.

DISCLAIMER

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5 FIRE-FIGHTING MEASURES

Flammable limits:	Not available.
Auto ignition:	Not available.
Suitable extinguishing media:	Water spray, foam, dry powder.
Special protective equipment:	Fire fighters should wear self-contained breathing apparatus and full protective suit when appropriate.
Unusual hazards:	Adequate ventilation and cleanup must be maintained to minimize dust accumulation. May form explosive dust-air mixture.
Special exposure hazards:	In case of fire, do not breathe the fumes evolved.
Further information:	Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing. Put on breathing apparatus and eye protection.
Environmental precautions:	Prevent contamination of soil, drains and surface waters. Avoid dust formation.
Methods for cleaning up:	Collect mechanically. Dispose of contaminated material as waste (see section 13). Clean the accident area carefully.

7 HANDLING AND STORAGE

Handling:	Adequate ventilation is necessary in workplace. Prevent formation of dust and static discharges. Take precautionary measures against static discharges. Wear special protective equipment (see section 8). Wash hands, face, and neck when exiting restricted areas.
Storage:	Keep away from heat and flame. Keep container tightly sealed. Keep in a moderately cool, dry and well-ventilated area.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values	
ACGIH / TLV:	Not applicable.
OSHA / PEL:	Not applicable.
OEL / TWA:	Not applicable.
Engineering controls:	Use with adequate ventilation to keep contaminants below applicable exposure limits.
Personal protective equipment	
Respiratory Protection:	Respiratory mask.
Hand protection:	Protective gloves.
Eye protection:	Goggles.
Skin protection:	Wear appropriate protective clothing to prevent skin exposure.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green powder
Odor:	Odorless
pH (10g/l in ethanol, 20°C):	7.0 ~ 8.0
Special gravity (water = 1):	1.20 ~ 1.50
Bulk volume (l / kg):	2.5 ~ 3.0
Melting point:	171°C
Boiling point:	Not available
Solubility in water:	Almost insoluble
Flash point:	Not applicable
Explosion hazard:	Dust explosion hazard

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Vapor pressure: Not applicable
Evaporation rate: Not applicable
Viscosity: Not applicable

10 STABILITY AND REACTIVITY

Stability: The product is stable under normal conditions of use and storage.
Conditions to avoid: To avoid thermal decomposition, do not overheat.
Materials to avoid: Not known.
Hazardous reactions: Dust explosions hazard.
Hazard decomposition: Oxides of carbon, sulphur and nitrogen may be released during combustion or thermal decomposition.
Hazard polymerization: Will not occur.

11 TOXICOLOGICAL PROPERTIES

Acute toxicity:
LD50/oral/rat: >5000mg / kg
LC50/inhalation/rat: Not available.
Chronic toxicity: Considered to be insignificant.
Primary irritant effect
Skin / rabbit: Non-irritant.
Eyes / rabbit: Non-irritant.
Sensitization: No sensitizing effects known.

12 ECOLOGICAL INFORMATION

Mobility: Non-volatile, Insoluble in water, floats on water.
Persistence & degradability: Not biodegradable as the product is almost insoluble in water.
Bio-accumulative potential: Not available.
Ecotoxicological effects
Daphnia toxicity / EC50: Not available.
Fish toxicity / EC50: Not available.
Bacteria toxicity / EC10: Not available.
Alga toxicity: Not available.
Further ecological information
COD (mg/l): Not available.
BOD5 (mg/l): Not available.
AOX: Not available.
Heavy metal content: This product contains Cr(III) incorporated in the complex, as a component of the colorant.

13 DISPOSAL CONSIDERATIONS

Product: Must be dumped or incinerated according to local regulations.
Check for possible recycling.
Contaminated packaging: Uncontaminated packaging may be reused.
Packs that cannot be cleaned should be disposed of in the same manner as product waste.

14 TRANSPORT INFORMATION

Classification: Not applicable.
IMDG (sea): Not applicable.
RID / ADR (rail and road): Not applicable.
IATA (air): Not applicable.
Other information: Stow / store / load separately from food, feed and consumable items.

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15 REGULATORY INFORMATION

Labeling in accordance with EEC Directives

EEC Directives:	Not subject to labeling.
Hazard symbols:	Not available.
R phrases:	Not available
S phrases:	Not available.

Chemical inventory status:

Ingredient	EC	USA	Australia	Canada	Japan
	EINECS	TSCA	AICS	DSL	METI
Registration	Yes	Yes	Yes	Yes	Yes

National legislation / regulations

Water hazard class: WGK 1 (Germany)

16 Other Information

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

This material Safety Data Sheet is in compliance with Directive 2001/58/EC.