



Safety Data Sheet

Revision Date 04-Jun-2018

Version 7

Supersedes Date: 21-Mar-2017

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product code LP16
Product name Liquid Pearl - Blue Green

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Additives for pigment/paint/ink

1.3. Details of the supplier of the safety data sheet

See section 16 for more information

Valspar Corporation
Level 4, 2 Burbank Place
Baulkham Hills, New South Wales 2153

Valspar Corporation
2-14 Patiki Road, Avondale 1026
Auckland, New Zealand

For further information, please contact

E-mail address sdshelpdesk@valspar europe.com

1.4. Emergency telephone number

Australia +(61)-290372994
New Zealand +(64)-98010034

Poison control centre phone number

Australia 13 11 26
New Zealand 0800 764-766

Section 2: HAZARDS IDENTIFICATION

GHS - Classification

| | |
|--|------------|
| Skin Corrosion/Irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Acute aquatic toxicity | Category 3 |
| Flammable liquids | Category 3 |

Label elements



Signal word

WARNING

Contains Benzene, 1-chloro-4-(trifluoromethyl)-

HAZARD STATEMENTS

Flammable liquid and vapour
CAUSES SKIN IRRITATION
 Causes serious eye irritation
 May cause respiratory irritation
 Harmful to aquatic life

PREVENTION

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves
 Wear eye/face protection
 Avoid breathing dust/fume/gas/mist/vapours/spray
 Use only outdoors or in a well-ventilated area
 Avoid release to the environment
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep cool

RESPONSE

Get medical advice/attention if you feel unwell

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

INHALATION

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell

INGESTION

Do NOT induce vomiting

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

FIRE

In case of fire: Use CO2, dry chemical, or foam for extinction

STORAGE

Store in a well-ventilated place. Keep container tightly closed
Store locked up

DISPOSAL

Dispose of contents/container to an approved waste disposal plant

OTHER HAZARDS

Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% |
|--|---------|----------|
| Benzene, 1-chloro-4-(trifluoromethyl)- | 98-56-6 | 10 - 25 |

If this section is blank, there are no hazardous components per NOHSC guidelines.

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures****General Advice**

IF exposed or concerned: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin contact

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

INHALATION

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

INGESTION

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Suitable Extinguishing Media Dry chemical, CO₂, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

HAZCHEM Code: 3Y

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid breathing vapours or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

General hygiene considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorised personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

If S* appears in the OEL table, it indicates this chemical contains a skin notation.

| Chemical name | Australia | New Zealand | ACGIH TLV |
|---|----------------------------|----------------------------|------------------------------|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ | TWA: 2.5 mg/m ³ F |

Biological Limit Values:.

| Chemical name | Australia | New Zealand |
|---|-----------|---|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | | 160 µmol/L urine prior to shift Fluoride 3 mg/L urine prior to shift Fluoride 530 µmol/L urine end of shift Fluoride 10 mg/L urine end of shift Fluoride |

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear suitable protective clothing. Wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal Protection

No information available

Environmental exposure controls

Do not allow into any sewer, on the ground or into any body of water

Local authorities should be advised if significant spillages cannot be contained

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|-------------------------------|----------------------------------|
| Physical State | Liquid |
| Appearance | No information available |
| Odour | Solvent |
| Colour | Green |
| Odour threshold | No information available |
| PH | No information available |
| Melting point/freezing point | No information available |
| Boiling point / boiling range | No information available °C / °F |
| Flash Point | 46 °C / 115 °F |
| Method | |
| Evaporation Rate | No information available |

| | |
|----------------------------------|--------------------------|
| Flammability (solid, gas) | No information available |
| Flammability limit in air | |
| Upper flammability limit: | No information available |
| Lower flammability limit | No information available |
| Vapour pressure | No information available |
| Vapour Density | No information available |
| Specific gravity | 1.43 |
| Solubility(ies) | No information available |
| Partition coefficient | No information available |
| Autoignition Temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive Properties | No information available |
| Oxidising Properties | No information available |

9.2. Other information

Molecular Weight No information available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation

None under normal processing.

Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Chlorine.

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Information on Likely Routes of Exposure

| | |
|---------------------|-----------------------------------|
| Eye Contact | Causes serious eye irritation. |
| Skin contact | CAUSES SKIN IRRITATION. |
| INGESTION | Not applicable. |
| INHALATION | May cause respiratory irritation. |

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

UNKNOWN ACUTE TOXICITY 0% of the mixture consists of ingredient(s) of unknown toxicity.

Numerical Measures of Toxicity - Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|-------------------|----------------------|-----------------------|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | = 13 g/kg (Rat) | > 2 mL/kg (Rabbit) | = 33 mg/L (Rat) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---|----------------------------------|
| Skin Corrosion/Irritation | CAUSES SKIN IRRITATION |
| Serious eye damage/eye irritation | Causes serious eye irritation |
| Skin Sensitisation | Not applicable |
| Respiratory Sensitisation | Not applicable |
| Germ Cell Mutagenicity | Not applicable |
| Carcinogenicity | Not applicable |
| Reproductive toxicity | Not applicable |
| Specific target organ toxicity (single exposure) | May cause respiratory irritation |
| Specific target organ toxicity (repeated exposure) | Not applicable |
| Aspiration Hazard | Not applicable |

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life

Environmental Precautions Prevent product from entering drains.

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|--|----------------------|--|---|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | | 11.5 - 15.8 mg/L <i>Lepomis macrochirus</i> 48h LC50 | = 3.68 mg/L <i>Daphnia magna</i> 48h EC50 |

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

| Chemical name | Partition Coefficient (n-octanol/water) |
|---|---|
| Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6 | 3.7 |

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

Section 14: TRANSPORT INFORMATION

| | | | |
|----------------------------------|------------------------|------------------------|------------------------|
| 14.1 UN/ID no | IMDG UN1263 | ADG UN1263 | IATA UN1263 |
| 14.2 Proper Shipping Name | Paint related material | Paint related material | Paint related material |
| 14.3 Hazard class | 3 | 3 | 3 |
| 14.4 Packing group | III | III | III |

| | | | |
|--|---|-------------|--------------------------|
| 14.5 Environmental hazard | | | |
| 14.6 Special Provisions | 163, 223, 367 955 EmS-No F-E, S-E | 163, 223, * | A3, A72, A192 |
| 14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE | | | No information available |
| HAZCHEM Code: | 3Y | | |

The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

Australia

See section 8 for national exposure control parameters

New Zealand

See section 8 for national exposure control parameters

ERMA New Zealand HSNO approval code or group standard

HSR002662: SURFACE COATINGS AND COLOURANTS (FLAMMABLE)

International Inventories

AICS - Australian Inventory of Chemical Substances

All components are listed or exempt from listing

NZIoC - New Zealand Inventory of Chemicals

All components are listed or exempt from listing

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Supplier Address

Valspar Automotive Australia Pty Limited
Unit 11/8 Kerta Road
Kincumber, NSW 2251
Australia
T: +612 43684054
F: +612 43684215
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Prepared by Product Stewardship

Revision Date 04-Jun-2018

Revision note Not applicable.

Disclaimer

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End of Safety Data Sheet