

JPA044_A0

Safety Data Sheet DEVCRYL 1448 BASE ULTRA DEEP

Sales
Order: {SalesOrd}
JPA044
10/09/2015
A0-2

Bulk Sales Reference No.:
SDS Revision Date:
SDS Revision Number:



1. Identification of the preparation and company

1.1. Product identifier

Product Identity DEVCRYL 1448 BASE ULTRA DEEP
Bulk Sales Reference No. JPA044

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

Intended Use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency

CHEMTREC (USA) (800) 424-9300
International Paint (713) 682-1711
Poison Control Center (800) 854-6813
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Aquatic Acute 3;H402 Harmful to aquatic life.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

H402 Harmful to aquatic life.

P273 Avoid release to the environment.

P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating Health: 2 Flammability: 1 Reactivity: 0

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|----------|--------------------|--------|
| Dipropylene glycol monomethyl ether CAS Number: 0034590-94-8 | 1.0 - 10 | ---- | [1][2] |

| | | | |
|---|------------|---|-----|
| 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate CAS Number: 0025265-77-4 | 1.0 - 10 | ---- | [1] |
| Nitrous acid, sodium salt CAS Number: 0007632-00-0 | 0.10 - 1.0 | Ox. Sol. 3;H272 Acute Tox. 3;H301 Aquatic Acute 1;H400 | [1] |
| Ammonium hydroxide CAS Number: 0001336-21-6 | 0.10 - 1.0 | Skin Corr. 1B;H314 Aquatic Acute 1;H400 | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

| | |
|------------|---|
| General | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Skin | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| Ingestion | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

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

| | |
|-----------------|--|
| Overview | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. |
| Inhalation | Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea. |
| Eyes | Causes severe eye irritation. Avoid contact with eyes. |
| Skin | Causes skin irritation. May be harmful if absorbed through the skin. |
| Ingestion | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. |
| Chronic effects | Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. |

5. Fire-fighting measures

5.1. Extinguishing media

SMALL FIRES: Use dry chemical, CO₂, water spray or foam. LARGE FIRES: Use water spray, fog, or foam. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

5.2. Special hazards arising from the substance or mixture

Material may burn but does not ignite readily. Fire may produce irritating, corrosive and/or toxic gases. Containers may explode when heated.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No. 159

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. LARGE SPILLS: Dike far ahead of liquid spill to contain released material and runoff from fire control.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 160 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

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| 7. Handling and storage |
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7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

Store between 40-100F (4-38C).

Avoid contact with eyes and clothing. Avoid prolonged or repeated contact with skin.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

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| 8. Exposure controls and personal protection |
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8.1. Control parameters

| Exposure | | | |
|--------------|---|--------------|-------|
| CAS No. | Ingredient | Source | Value |
| 0001336-21-6 | Ammonium hydroxide | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0007632-00-0 | Nitrous acid, sodium salt | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0025265-77-4 | 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate | OSHA | |
| | | ACGIH | |
| | | NIOSH | |
| | | Supplier | |
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JPA044_A0

| | | | |
|--------------|-------------------------------------|--------------|---|
| | | OHSA, CAN | |
| | | Mexico | |
| | | Brazil | |
| 0034590-94-8 | Dipropylene glycol monomethyl ether | OSHA | 100 ppm TWA; 600 mg/m3 TWA150 ppm STEL; 900 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA150 ppm STEL |
| | | NIOSH | 100 ppm TWA; 600 mg/m3 TWA150 ppm STEL; 900 mg/m3 STEL600 ppm IDLH |
| | | Supplier | |
| | | OHSA, CAN | 100 ppm TWA150 ppm STEL |
| | | Mexico | 100 ppm TWA LMPE-PPT; 60 mg/m3 TWA LMPE-PPT150 ppm STEL [LMPE-CT]; 900 mg/m3 STEL [LMPE-CT] |
| | | Brazil | |

Health Data

| CAS No. | Ingredient | Source | Value |
|--------------|---|--------|---|
| 0001336-21-6 | Ammonium hydroxide | NIOSH | |
| 0007632-00-0 | Nitrous acid, sodium salt | NIOSH | |
| 0025265-77-4 | 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate | NIOSH | |
| 0034590-94-8 | Dipropylene glycol monomethyl ether | NIOSH | Narcotic effects mild irritation of the nose and eyes |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|---|--------|--|
| 0001336-21-6 | Ammonium hydroxide | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0007632-00-0 | Nitrous acid, sodium salt | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0025265-77-4 | 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0034590-94-8 | Dipropylene glycol monomethyl ether | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

8.2. Exposure controls

Respiratory

Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.

Eyes

Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.

JPA044_A0

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| Skin | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Engineering Controls | Depending on the site-specific conditions of use, provide adequate ventilation. |
| Other Work Practices | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water. |

9. Physical and chemical properties

| | |
|---|--|
| Appearance | Coloured Liquid |
| Odour threshold | Not Measured |
| pH | 8.7 |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | 31 (°C) 88 (°F) |
| Flash Point | 101 (°C) 214 (°F) |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: .62 Upper Explosive Limit: No Established Limit |
| vapor pressure (Pa) | Not Measured |
| Vapor Density | Heavier than air |
| Specific Gravity | 1.03 |
| Solubility in Water | Not Measured |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | No Established Limit Not Measured |
| VOC % | Refer to the Technical Data Sheet or label where information is available. |

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Material may burn but does not ignite readily. Fire may produce irritating, corrosive and/or toxic gases. Containers may explode when heated.

11. Toxicological information

Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling

the contents may be harmful or fatal.

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr |
|--|-----------------------------|----------------------------------|---------------------------------|-------------------------------------|
| Dipropylene glycol monomethyl ether - (34590-94-8) | 3,500.00, Rat - Category: 5 | 19,000.00, Rabbit - Category: NA | No data available | No data available |
| 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate - (25265-77-4) | 3,200.00, Rat - Category: 5 | 15,200.00, Rabbit - Category: NA | No data available | No data available |
| Nitrous acid, sodium salt - (7632-00-0) | 180.00, Rat - Category: 3 | No data available | No data available | 5.50, Rat - Category: NA |
| Ammonium hydroxide - (1336-21-6) | 350.00, Rat - Category: 4 | No data available | No data available | No data available |

| Item | Category | Hazard |
|---|----------------|----------------|
| Acute Toxicity (mouth) | Not Classified | Not Applicable |
| Acute Toxicity (skin) | Not Classified | Not Applicable |
| Acute Toxicity (inhalation) | Not Classified | Not Applicable |
| Skin corrosion/irritation | Not Classified | Not Applicable |
| Eye damage/irritation | Not Classified | Not Applicable |
| Sensitization (respiratory) | Not Classified | Not Applicable |
| Sensitization (skin) | Not Classified | Not Applicable |
| Germ toxicity | Not Classified | Not Applicable |
| Carcinogenicity | Not Classified | Not Applicable |
| Reproductive Toxicity | Not Classified | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | Not Classified | Not Applicable |
| Specific target organ systemic Toxicity (repeated exposure) | Not Classified | Not Applicable |
| Aspiration hazard | Not Classified | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|--------------------------------|----------------------------|--|
| Dipropylene glycol monomethyl ether - (34590-94-8) | 10,000.00, Pimephales promelas | 1,919.00, Daphnia magna | 969.00 (72 hr), Algae |
| 2,2,4-Trimethylpentane-1,3-diol monoisobutyrate - (25265-77-4) | 30.00, Pimephales promelas | 95.00, Daphnia magna | 18.40 (72 hr), Selenastrum capricornutum |
| Nitrous acid, sodium salt - (7632-00-0) | 0.11, Oncorhynchus mykiss | 12.50, Daphnia magna | 159.00 (72 hr), Tetraselmis chuii |
| Ammonium hydroxide - (1336-21-6) | 15.00, Gambusia affinis | 32.00, Daphnia magna | Not Available |

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

14.1. UN number Not Regulated

14.2. UN proper shipping name Not Regulated

14.3. Transport hazard class(es)

| DOT (Domestic Surface Transportation) | | IMO / IMDG (Ocean Transportation) | |
|---------------------------------------|---------------------|-----------------------------------|---------------------------------|
| DOT Proper Shipping Name | Not Regulated | IMDG Proper Shipping Name | Not Regulated |
| DOT Hazard Class | Not Regulated | IMDG Hazard Class Sub Class | Not Regulated Not applicable |
| UN / NA Number | Not Regulated | IMDG Packing Group | Not Regulated |
| DOT Packing Group | Not Regulated | System Reference Code | 9 |
| CERCLA/DOT RQ | 100 gal. / 857 lbs. | | |

14.4. Packing group Not Regulated

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification Not Regulated

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :
 Ammonium hydroxide (1000 lb final RQ; 454 kg final RQ)
 Ethanediol (5000 lb final RQ; 2270 kg final RQ)
 Nitrous acid, sodium salt (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

3-Iodo-2-propynyl butylcarbamate
Ethanediol
Nitrous acid, sodium salt
Mass RTK Substances (>1%) :
Dipropylene glycol monomethyl ether
Penn RTK Substances (>1%) :
Dipropylene glycol monomethyl ether
Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)
RCRA Status:
(No Product Ingredients Listed)
N.J. RTK Substances (>1%) :
Dipropylene glycol monomethyl ether
N.J. Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)
Ammonium hydroxide
Quartz
N.J. Env. Hazardous Substances (>.1%) :
3-Iodo-2-propynyl butylcarbamate
Ethanediol
Nitrous acid, sodium salt
Proposition 65 - Carcinogens (>0%):
Quartz
Proposition 65 - Female Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Male Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Developmental Toxins (>0%):
(No Product Ingredients Listed)

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|-----------------------|
| 16. Other information |
|-----------------------|

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

- H272 May intensify fire; oxidizer.
- H301 Toxic if swallowed.
- H314 Causes severe skin burns and eye damage.
- H400 Very toxic to aquatic life.

This is the first revision of this SDS format, changes from previous revision not applicable.

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