

1. Identification

1.1. Product identifier

Product Identity Chromatech Tan

Alternate Names Chromatech Tan

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

Intended use See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name The Dodge Company, Inc
9 Progress Road
Billerica, MA 01821

Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: The Dodge Company, Inc (800) 443-6343, (978) 600-2099

2. Hazard(s) identification

2.1. Classification of the substance or mixture

| | |
|-------------------------|--|
| Combustible Liquid;H227 | Combustible Liquid. |
| Acute Tox. 4;H302 | Harmful if swallowed. |
| Acute Tox. 4;H312 | Harmful in contact with skin. |
| Acute Tox. 4;H332 | Harmful if inhaled. |
| Skin Corr. 1;H314 | Causes severe skin burns and eye damage. |
| Skin Sens. 1;H317 | May cause an allergic skin reaction. |
| Muta. 2;H341 | Suspected of causing genetic defects. |
| Carc. 1B;H350 | May cause cancer. |
| STOT SE 3;H335 | May cause respiratory irritation. |

2.2. Label elements



Danger

H227 Combustible liquid.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

[Prevention]:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P235 Keep cool.

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, face protection.

[Response]:

P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

P304+312 IF INHALED: Call a poison center or doctor or physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice or attention.

P321 Specific treatment (see information on this label).

P330 IF SWALLOWED: Rinse mouth.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

[Storage]:

P403+235 Store in a well ventilated place. Keep cool.

P405 Store locked up.

[Disposal]:

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

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 |
|---|----------|--|--------|
| Formaldehyde CAS Number: 0000050-00-0 | 10 - 25 | Carc. 1B;H350 Muta. 2;H341 Acute Tox. 3;H301 Acute Tox. 3;H311 Acute Tox. 3;H331 Skin Corr. 1B;H314 ≥ 25 % Skin Irrit. 2;H315 5 % ≤ C < 25 % Skin Sens. 1;H317 >0.2 % STOT SE 3;H335 ≥ 5 % | [1][2] |
| 2-methylpentane-2,4-diol CAS Number: 0000107-41-5 | 1 - 5 | Eye Irrit. 2;H319 Skin Irrit. 2;H315 | [1][2] |
| Methanol CAS Number: 0000067-56-1 | 1 - 5 | Flam. Liq. 2;H225 Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 STOT SE 1;H370 (> 10%) | [1][2] |
| Borates, tetra, sodium salts, decahydrate CAS Number: 0001303-96-4 | 1 - 5 | Repr. 1B;H360FD (@> 8.5%) Acute Tox. 4;H332 | [1][2] |
| Lanolin, ethoxylated CAS Number: 0061790-81-6 | 1 - 5 | Not Classified | [1] |
| Acusol OP301 CAS Number: Proprietary | 1 - 5 | Not Classified | [1] |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance 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.

Section 4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion

If the person is conscious, have them drink water. Contact a physician immediately. Do not induce vomiting.

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

| | |
|-------------------|---|
| Overview | Possible routes of entry are dermal, oral and inhalation. Contains material that can cause target organ damage (mucous membranes, gastrointestinal tract, upper respiratory tract, skin, eyes, central nervous system (CNS)). Some reports suggest that formaldehyde may cause respiratory sensitization, such as asthma, and that pre-existing respiratory and skin disorders may be aggravated by exposure. May be fatal or cause blindness if swallowed. Reproductive or genetic defect hazard. Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details. |
| Inhalation | Harmful if inhaled. May cause respiratory irritation. |
| Skin | Harmful in contact with skin. May cause an allergic skin reaction. Causes severe skin burns and eye damage. |
| Ingestion | Harmful if swallowed. |

Section 5. Fire-fighting measures

5.1. Extinguishing media

Dry chemical, foam, carbon dioxide and water fog.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: May form formaldehyde gas, carbon oxides, hydrogen, formic acid and various hydrocarbons. Incomplete combustion may also produce irritating smoke and toxic and/or irritating gases or fumes.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep cool.

Avoid breathing dust, fume, gas, mist, vapors, spray.

Do not get in eyes, on skin, or on clothing.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus to protect from decomposition products.

ERG Guide No. ----

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Vapor is heavier than air and may flow along surface to distant ignition source and flashback.

Neutralize residual product in the spill area using sodium carbonate or sodium bicarbonate.

DO NOT USE COMBUSTIBLE MATERIALS.

Section 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin. Avoid contact with eyes. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Launder contaminated clothing before reuse. Avoid environmental contamination.

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry area, away from heat, sparks and open flame.

Keep containers sealed when not in use.

Store out of direct sunlight.

Incompatible materials: Avoid contact with strong oxidants, strong alkalis, strong mineral acids, phenol and urea.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

8.1. Control parameters

| CAS No. | Ingredient | Exposure | |
|--------------|---|----------|---|
| | | Source | Value |
| 0000050-00-0 | Formaldehyde | OSHA | TWA 0.75 ppm STEL 2 ppm |
| | | ACGIH | 0.1 ppm TWA 0.3 ppm STEL |
| | | NIOSH | Ca TWA 0.016 ppm C 0.1 ppm [15-minute] |
| 0000067-56-1 | Methanol | OSHA | TWA 200 ppm (260 mg/m ³) |
| | | ACGIH | TWA: 200 ppm STEL: 250 ppm |
| | | NIOSH | TWA 200 ppm (260 mg/m ³) ST 250 ppm (325 mg/m ³) [skin] |
| 0000107-41-5 | 2-methylpentane-2,4-diol | OSHA | No Established Limit |
| | | ACGIH | 25 ppm TWA (vapor fraction) |
| | | NIOSH | C 25 ppm (125 mg/m ³) |
| 0001303-96-4 | Borates, tetra, sodium salts, decahydrate | OSHA | No Established Limit |
| | | ACGIH | TWA: 2 mg/m ³ STEL: 6 mg/m ³ |
| | | NIOSH | TWA 5 mg/m ³ |
| 0061790-81-6 | Lanolin, ethoxylated | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| Proprietary | Acusol OP301 | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |

8.2. Exposure controls

| | |
|-----------------------------|---|
| Respiratory | If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators. |
| Eyes | Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. |
| Skin | Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Wear PVC or rubber gloves to keep skin contact to a minimum. Refer to the manufacturer's recommendations regarding the suitability of any gloves used. |
| Engineering Controls | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |
| Other Work Practices | Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. |

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties

| | |
|--|---|
| Appearance | Opaque Liquid |
| Odor | Slightly perfumed, with pungent odor. |
| Odor threshold | Not determined |
| pH | 8 - 9.5 |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | 93 - 96 C (200 - 204 F) |
| Flash Point | 63 - 65 C (145 - 149 F) |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: 7 Upper Explosive Limit: 73 |
| Vapor pressure (Pa) | Not Measured |
| Vapor Density | > 1 |
| Relative Density | 1.050 - 1.060 |
| 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) | Not Measured |
| VOC Content | 98% |

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under the recommended storage and handling conditions prescribed. At higher temperatures, product may form formic acid and methanol.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid heat and open flame. Exposure to cold may cause precipitation of the polymer, will redissolve upon gentle heating.

10.5. Incompatible materials

Avoid contact with strong oxidants, strong alkalis, strong mineral acids, phenol and urea.

10.6. Hazardous decomposition products

May form formaldehyde gas, carbon oxides, hydrogen, formic acid and various hydrocarbons. Incomplete combustion may also produce irritating smoke and toxic and/or irritating gases or fumes.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|---|----------------------------------|----------------------------------|---------------------------------|-------------------------------------|-------------------------------|
| Formaldehyde - (50-00-0) | 260.00, Guinea Pig - Category: 3 | 270.00, Rabbit - Category: 3 | No data available | No data available | 1,000.00, Rat - Category: 3 |
| 2-methylpentane-2,4-diol - (107-41-5) | No data available | No data available | No data available | No data available | No data available |
| Methanol - (67-56-1) | 2,769.00, Rat - Category: 5 | 17,100.00, Rabbit - Category: NA | No data available | No data available | 64,000.00, Rat - Category: NA |
| Borates, tetra, sodium salts, decahydrate - (1303-96-4) | 2,660.00, Rat - Category: 5 | 10,000.00, Rabbit - Category: NA | No data available | 2.00, Rat - Category: 4 | No data available |
| Lanolin, ethoxylated - (61790-81-6) | No data available | No data available | No data available | No data available | No data available |
| Acusol OP301 - (Proprietary) | No data available | No data available | No data available | No data available | No data available |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|---|--------|---|
| 0000050-00-0 | Formaldehyde | OSHA | Regulated Carcinogen: Yes |
| | | NTP | Known: Yes; Suspected: Yes |
| | | IARC | Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | A1 |
| 0000067-56-1 | Methanol | OSHA | Regulated Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |
| 0000107-41-5 | 2-methylpentane-2,4-diol | OSHA | Regulated Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |
| 0001303-96-4 | Borates, tetra, sodium salts, decahydrate | OSHA | Regulated Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | A4 |
| 0061790-81-6 | Lanolin, ethoxylated | OSHA | Regulated Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |
| Proprietary | Acusol OP301 | OSHA | Regulated Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |

| Classification | Category | Hazard Description |
|-------------------------------|----------|--|
| Acute toxicity (oral) | 4 | Harmful if swallowed. |
| Acute toxicity (dermal) | 4 | Harmful in contact with skin. |
| Acute toxicity (inhalation) | 4 | Harmful if inhaled. |
| Skin corrosion/irritation | 1 | Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | --- | Not Applicable |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | 1 | May cause an allergic skin reaction. |
| Germ cell mutagenicity | 2 | Suspected of causing genetic defects. |
| Carcinogenicity | 1B | May cause cancer. |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | 3 | May cause respiratory irritation. |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

Section 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 |
|---|--------------------------------|----------------------------|--|
| Formaldehyde - (50-00-0) | 1.41, Oncorhynchus mykiss | 5.80, Daphnia pulex | Not Available |
| 2-methylpentane-2,4-diol - (107-41-5) | 9,910.00, Gambusia affinia | 5,410.00, Daphnia magna | 430.00 (72 hr), Pseudokirchneriella subcapitata |
| Methanol - (67-56-1) | 15,400.00, Lepomis macrochirus | 18,260.00, Daphnia magna | 22,000.00 (96 hr), Pseudokirchneriella subcapitata |
| Borates, tetra, sodium salts, decahydrate - (1303-96-4) | 74.00, Limanda limanda | 484.00, Daphnia magna | 24.00 (72 hr), Scenedesmus subspicatus |
| Lanolin, ethoxylated - (61790-81-6) | Not Available | Not Available | Not Available |
| Acusol OP301 - (Proprietary) | Not Available | Not Available | Not Available |

12.2. Persistence and degradability

There is no data available on the preparation itself.

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.

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|------------------------------------|---|---|----------------------------------|
| 14.1. UN number | Not Regulated | Not Regulated | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |
| 14.3. Transport hazard class(es) | DOT Hazard Class: Not Applicable | IMDG: Not Applicable Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group | Not Applicable | Not Applicable | Not Applicable |
| 14.5. Environmental hazards | | | |
| IMDG | Marine Pollutant: No; | | |
| 14.6. Special precautions for user | Not Applicable | | |

Section 15. Regulatory information

| | |
|--|---|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| Toxic Substance Control Act (TSCA) | All components of this material are either listed or exempt from listing on the TSCA Inventory. |
| EPCRA 302 Extremely Hazardous: | Formaldehyde |
| EPCRA 313 Toxic Chemicals: | Formaldehyde Methanol |
| Proposition 65 - Carcinogens (>0.0%): | Formaldehyde |
| Proposition 65 - Developmental Toxins (>0.0%): | Methanol |
| Proposition 65 - Female Repro Toxins (>0.0%): | To the best of our knowledge, there are no chemicals at levels which require reporting under this statute. |
| Proposition 65 - Male Repro Toxins (>0.0%): | To the best of our knowledge, there are no chemicals at levels which require reporting under this statute. |
| Proposition 65 Label Warning: | |



WARNING: This product can expose you to chemicals including [Formaldehyde], which is known to the State of California to cause cancer, and [Methanol], which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16. Other information

SDS Revision Date 04/09/2020

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:

H225 Highly flammable liquid and vapor.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360FD May damage fertility. Suspected of damaging the unborn child.

H370 Causes damage to organs.

H371 May cause damage to organs.

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