

1. Identification**1.1. Product identifier**

Product Identity DSC Gold Flush CM
Alternate Names Non-aqueous solvent system

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 Deep South Chemical, Inc.
229 Millstone Road
Broussard, LA 70518 (337) 837-9931

Emergency

CHEMTREC (USA) (800) 424-9300 Outside the U.S.A. (703) 527-3887
Customer Service: Deep South Chemical, Inc. (337) 837-9931

2. Hazard(s) identification**2.1. Classification of the substance or mixture**

| | |
|-------------------------|--|
| Combustible Liquid;H227 | Combustible Liquid. |
| Skin Irrit. 2;H315 | Causes skin irritation. |
| Eye Irrit. 2;H319 | Causes serious eye irritation. |
| Skin Sens. 1;H317 | May cause an allergic skin reaction. |
| Aquatic Chronic 2;H411 | Toxic to aquatic life with long lasting effects. |

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

**Warning**

H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

[Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
 P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
 P264 Wash thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P313 Get medical advice / attention.
 P321 Specific treatment (see information on this label).
 P333+313 If skin irritation or a rash occurs: Get medical advice / attention.
 P337+313 If eye irritation persists: Get medical advice / attention.
 P362 Take off contaminated clothing and wash before reuse.
 P363 Wash contaminated clothing before reuse.
 P391 Collect spillage.

[Storage]:

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

[Disposal]:

P501 Dispose of contents / container in accordance with local / 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 |
|---|----------|--|--------|
| Petroleum distillates, hydrotreated light CAS Number: 0064742-47-8 | 75 - 100 | Asp. Tox. 1;H304 | [1] |
| (2-methoxymethylethoxy)propanol CAS Number: 0034590-94-8 | 5 - 10 | Not Classified | [1][2] |
| D-Limonene CAS Number: 0005989-27-5 | 5 - 10 | Flam. Liq. 3;H226 Skin Irrit. 2;H315 Skin Sens. 1;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 | [1] |
| Benzenesulfonic acid, mono-C10-13-branched alkyl derivative compounds with 2-propanamine CAS Number: 0090194-54-0 | 1 - 5 | Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 | [1] |
| C9-C11 Synthetic Alcohol, Ethoxylated CAS Number: 0068439-46-3 | 1 - 5 | Skin Irrit. 2;H315 Eye Dam. 1;H318 | [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 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 | 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 swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. |

4.2. Most important symptoms and effects, both acute and delayed**Overview**Inhalation:

This product may cause irritation to nose, throat, and respiratory tract

Skin Contact:

This product may cause irritation to the skin. Defatting of the skin can occur with frequent or long-term skin contact.

Eye Contact:

Irritation to eyes.

Ingestion:

There may be irritation of the mouth, throat, and digestive tract.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Eyes

Causes serious eye irritation.

Skin

May cause an allergic skin reaction. Causes skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Use powder, foam, or CO₂. Do not use water jet (may spread fire).

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: May produce oxides of carbon and smoke.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

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

5.3. Advice for fire-fighters

Use water spray to cool drums involved in fire.

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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

Use proper personal protective equipment. Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area. Keep out of drains, sewers or waterways. Use sand or other inert material to contain and soak up spill.

7. Handling and storage

7.1. Precautions for safe handling

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.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Store in a well-ventilated area. Keep container tightly closed when not in use. Store in cool, dry area. Keep away from sources of ignition.

Handling:

Use proper personal protective equipment. Avoid contact with skin or eyes. Avoid breathing of vapors. Handle in well-ventilated workspace. When handling do not eat, drink, or smoke.

Other Precautions:

Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition.

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: Strong Oxidizing Agents

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|--------------|--|----------|---|
| 0005989-27-5 | D-Limonene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0034590-94-8 | (2-methoxymethylethoxy)propanol | OSHA | TWA 100 ppm (600 mg/m3) [skin] |
| | | ACGIH | TWA: 100 ppm STEL: 150 ppm Skin |
| | | NIOSH | TWA 100 ppm (600 mg/m3) ST 150 ppm (900 mg/m3) [skin] |
| | | Supplier | No Established Limit |
| 0064742-47-8 | Petroleum distillates, hydrotreated light | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | Recommended 300 ppm PEL |
| 0068439-46-3 | C9-C11 Synthetic Alcohol, Ethoxylated | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| 0090194-54-0 | Benzenesulfonic acid, mono-C10-13-branched alkyl derivative compounds with 2-propanamine | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|------------|--------|---|
| 0005989-27-5 | D-Limonene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |

| | | | |
|--------------|--|------|--|
| 0034590-94-8 | (2-methoxymethylethoxy)propanol | 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; |
| 0064742-47-8 | Petroleum distillates, hydrotreated light | 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; |
| 0068439-46-3 | C9-C11 Synthetic Alcohol, Ethoxylated | 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; |
| 0090194-54-0 | Benzenesulfonic acid, mono-C10-13-branched alkyl derivative compounds with 2-propanamine | 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

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Chemical goggles where splashing may occur.

Skin

Impermeable gloves and impervious clothing as appropriate.

Engineering Controls

Keep work area well ventilated.

Other Work Practices

Shower, eye bath, and washing facilities should be available. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

| | |
|--|---------------------------------|
| Appearance | Colorless to Pale Yellow Liquid |
| Odor | Organic |
| Odor threshold | Not determined |
| pH | Not Measured |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | Not Measured |
| Flash Point | 150°F (PMCC) |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Not Measured |
| Vapor pressure (Pa) | Approximately 2 mmHg at 75°F |
| Vapor Density | Not Measured |
| Specific Gravity | 0.83 to 0.85 at 75°F |
| Solubility in Water | oil soluble, water dispersible |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |

| | |
|-------------------------------------|--------------|
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | Not Measured |
| Percent Volatile (by volume) | 100% |

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Excessive heat and open flame.

10.5. Incompatible materials

Strong Oxidizing Agents

10.6. Hazardous decomposition products

May produce oxides of carbon and smoke.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

| 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 |
|--|--------------------------------|----------------------------------|---------------------------------|-------------------------------------|--------------------------|
| Petroleum distillates, hydrotreated light - (64742-47-8) | > 5,000.00, Rat - Category: NA | No data available | No data available | No data available | No data available |
| (2-methoxymethylethoxy)propanol - (34590-94-8) | 3,500.00, Rat - Category: 5 | 19,000.00, Rabbit - Category: NA | No data available | No data available | No data available |
| D-Limonene - (5989-27-5) | 4,400.00, Rat - Category: 5 | 5,000.00, Rabbit - Category: 5 | No data available | No data available | No data available |



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| | | | | | |
|---|------------------------------|-------------------|-------------------|-------------------|-------------------|
| Benzenesulfonic acid, mono-C10-13-branched alkyl derivative compounds with 2-propanamine - (90194-54-0) | No data available | No data available | No data available | No data available | No data available |
| C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3) | 5,100.00, Rat - Category: NA | No data available | No data available | No data available | No data available |

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).

| Classification | Category | Hazard Description |
|-------------------------------|----------|--------------------------------------|
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | 2 | Causes skin irritation. |
| Serious eye damage/irritation | 2 | Causes serious eye irritation. |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | 1 | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

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

Aquatic Toxicity: 48 HR LC50 (mysid shrimp) 400 ppm

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|---|--------------------------------|-------------------------------------|-----------------------|
| Petroleum distillates, hydrotreated light - (64742-47-8) | 45.00, Pimephales promelas | 4,720.00, Dendronereides heteropoda | Not Available |
| (2-methoxymethylethoxy)propanol - (34590-94-8) | 10,000.00, Pimephales promelas | 1,919.00, Daphnia magna | 969.00 (72 hr), Algae |
| D-Limonene - (5989-27-5) | 0.702, Pimephales promelas | 0.577, Daphnia magna | Not Available |
| Benzenesulfonic acid, mono-C10-13-branched alkyl derivative compounds with 2-propanamine - (90194-54-0) | 1.00, Fish (Piscis) | 1.00, Daphnia magna | 1.00 (72 hr), Algae |
| C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3) | 8.50, Pimephales promelas | 2.686, Daphnia magna | Not Available |

12.2. Persistence and degradability

All the components are biodegradable.

Biodegradation: 42% (28 days), OECD 306

ErC50 (72 hours) *Skeletonema costatum*: 10-100 mg/l

LC50 (48 hours) *Acartia tonsa*: >100 mg/l

LC50 (10 days) *Corophium voliotator*: 10-100 mg/kg

12.3. Bioaccumulative potential

Low

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

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

14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|---|---|---|----------------------------------|
| 14.1. UN number | NA1993 | Not regulated | Not regulated |
| 14.2. UN proper shipping name | Combustible liquid, n.o.s., (Contains D'Limonene) | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | DOT Hazard Class: Combustible liquid | IMDG: Not Applicable Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group | III | Not Applicable | Not Applicable |
| 14.5. Environmental hazards | | | |
| IMDG | Marine Pollutant: Yes (D-Limonene) | | |
| 14.6. Special precautions for user | No further information | | |

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.



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WHMIS Classification B3 D2B

US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

(2-methoxymethylethoxy)propanol

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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.

New Jersey RTK Substances (>1%):

(2-methoxymethylethoxy)propanol

Pennsylvania RTK Substances (>1%):

(2-methoxymethylethoxy)propanol

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:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each product or product combination for their own purposes. Unless otherwise obtained in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from handling and use of our products, whether used alone or in combination with other products.

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