Safety Data Sheet

DET-CON 1

SDS Revision Date: 07/25/2024

1. Identification

1.1. Product identifier

Product Identity	DET-CON 1
Alternate Names	Drilling Mud Detergent

1.2. Identified uses of the substance or mixture and application method

Intended use	Additive
Application Method	See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name	**Right Turn Supply LLC** 204 SE Ninth Street Pella, Iowa 50219, USA
Emergency	
CHEMTREC (USA)	(800) 424-9300
24 hour Emergency Telephone No.	International +1-703-527-3887
Customer Service: Right Turn Supply	(641) 204- 0205

2. Hazard(s) identification

2.1 Classification in accordance with paragraph (d) of §1910.1200

Carcinogenicity	Category 2 - H351

2.2. Label Elements

Hazard Pictograms

Signal Word	Danger
Hazard Statements	H351- Suspected of causing cancer.

Precautionary Statements

[Prevention]
P260- Do not breathe dust/fume/gas/mist/vapors/spray
P264- Wash face, hands and any exposed skin thoroughly after handling.
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.
P310- Immediately call a POISON CENTER or doctor / physician.
P314- Get Medical advice / attention if you feel unwell.
P321- Specific treatment (see information on this label).
P332+313- If skin irritation occurs: Get medical advice / attention.
P362- Take off contaminated clothing and wash before reuse.

[Storage]
No GHS storage statements

[Disposal]
No GHS disposal statements

Contains

Substances	**CAS Number**
Sodium Dodecylbenzene Sulfonate	25155-30-0
Tetrapotassium Pyrophosphate	7320-34-5
Cocamide DEA	68603-42-9

2.3 Hazards not otherwise classified

Unknown Acute Toxicity	0.08% of the mixture consists of ingredient(s) of unknown toxicity.

3. Composition/information on ingredients

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium Dodecylbenzene Sulfonate CAS Number: 25155-30-0	1 - 5	Acute Tox. 4;H302 STOT RE 2;H373 Skin Irrit. 2;H315 Eye Dam. 1;H318	[1][2]
Tetrapotassium Pyrophosphate CAS Number: 7320-34-5	1 - 5		
Cocamide DEA CAS Number: 68603-42-9	1 - 5		

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

Inhalation If mists/vapors are formed or irritation occurs, leave area and do not return until mists/vapors have dissipated. If irritation persists, see a physician.

Eyes Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.

Skin Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician

Ingestion Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. If irritation persists, see a physician.

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

May cause irritation of gastrointestinal tract. May cause respiratory irritation. May cause eye irritation. Prolonged or repeated contact may be drying to skin.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Water fog. Alcohol resistant foam. Dry chemical powder.

Unsuitable extinguishing media

Caution: Use of water spray when fighting fire may be inefficient.

5.2. Special hazards arising from the substance or mixture

Do not breathe mist / vapors / spray.

5.3. Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

6.2. Environmental precautions

Please be careful when using around Environmental Sensitive areas.

6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spill. Dilute spilled material with water.

7. Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials: Incompatible with 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
0000111-42-2	Diethanolamine	OSHA	No Established Limit
		ACGIH	TWA: 2 mg/m3Skin 2B, Revised 2009; 2010,
		NIOSH	TWA 3 ppm (15 mg/m3)
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000111-42-2	Diethanolamine	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

8.2. Exposure controls

Respiratory If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators or air purifying respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Eyes Wear safety glasses with side shields (or goggles).

Skin Wear chemical resistant gloves.

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	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Pink Viscous Liquid
Odor	Lemon
Odor threshold	No Information available
pH	8.0-10.0
Melting point / freezing point	No Information available
Initial boiling point and boiling range	212 ° F
Flash Point	No Information available
Evaporation rate (Butyl Acetate = 1)	< 1
Flammability (solid, gas)	No Information available
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** No Information available **Upper Explosive Limit:** No Information available
Vapor pressure (Pa)	No Information available
Vapor Density	No Information available
Specific Gravity	1.036
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	No Information available
Auto-ignition temperature	No Information available
Decomposition temperature	No Information available
Viscosity (cP)	145 cP
VOC Content (%)	0.07

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

None under normal processing.

10.4. Conditions to avoid

Elevated temperature.

10.5. Incompatible materials

Incompatible with strong oxidizing agents.

10.6. Hazardous decomposition products

Oxides of Carbon

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium Dodecylbenzene Sulfonate (CAS# 25155-30-0)	= 438 mg/kg (Rat) = 500 mg/kg (Rat)	No data available	No data available	No data available	No data available
Cocamide DEA (CAS# 68603-42-9)	= 12400 µL/kg (Rat)	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)	---	No Information available.
Acute toxicity (dermal)	---	No Information available.
Acute toxicity (inhalation)	---	No Information available.
Skin corrosion/irritation	---	No Information available.
Serious eye damage/irritation	---	No Information available.
Respiratory sensitization	---	No Information available.
Skin sensitization	---	No Information available.
Classification	**Category**	**Hazard Description**
Germ cell mutagenicity	---	No Information available.
Carcinogenicity [IARC]	Group 2B	*Group 2B - Possibly Carcinogenic to Humans*
Reproductive toxicity	---	No Information available.
STOT-single exposure	---	No Information available.
STOT-repeated exposure	---	No Information available.
Aspiration hazard	---	No Information available.

Unknown Acute Toxicity 0.08% of the mixture consists of ingredient(s) of unknown toxicity.

12. Ecological information

12.1. Toxicity

Aquatic Ecotoxicity

2.46% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium Dodecylbenzene Sulfonate 25155-30-0	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	Not Available
Tetrapotassium Pyrophosphate 7320-34-5	100: 96 h Oncorhynchus mykiss mg/L LC50	100: 48 h water flea mg/L EC50	
Cocamide DEA 68603-42-9	3.6: 96 h Brachydanio rerio mg/L LC50 semi-static	4.2: 24 h Daphnia magna mg/L EC50	

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.

13. Disposal considerations

13.1. Waste treatment methods

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

Contaminated packaging

Do not reuse container.

US EPA Waste Number

U080 U084

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	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

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.

EPCRA 311/312 Chemicals and RQs (lbs):

Sodium Dodecylbenzene Sulfonate (1000 lbs)
25155-30-0

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:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Proposition 65 - Carcinogens (>0.0%):

Cocamide DEA
68603-42-9

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.

Massachusetts RTK Substances (>1%):

Sodium Dodecylbenzene Sulfonate
25155-30-0

New Jersey RTK Substances (>1%):

Sodium Dodecylbenzene Sulfonate
25155-30-0

Pennsylvania RTK Substances (>1%):

Sodium Dodecylbenzene Sulfonate
25155-30-0

Canadian Regulations

Canadian DSL Inventory All components listed on inventory or are exempt.

16. Other information

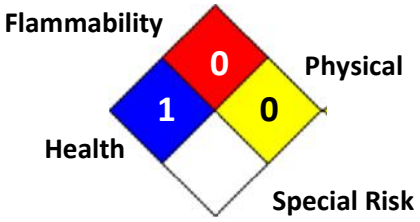
This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable Federal, State and local law and regulations. Right Turn Supply LLC makes no warranty of any kind, express or implied, concerning the accuracy of completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Right Turn Supply LLC will not be liable for claims relating to any use of this product.

Emergency Overview:

Risk Classification System:

HEALTH	**1**
FLAMMABILITY	**0**
PHYSICAL	**0**
PPE	**E**



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