



SAFETY DATA SHEET

Det Force

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Det Force

Other means of identification : Drilling Detergent

Recommended use : No Data available

Restrictions on use : None known

Company : Right Turn Supply LLC
204 SE Ninth Street
Pella, Iowa 50219

Emergency telephone : (800) 424-9300 (24 Hours) CHEMTREC
number

Issuing date : 08/02/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Not classified

Skin irritation : Not classified

Eye irritation : Not classified

Carcinogenicity : Category 2

Reproductive toxicity : Not classified

Specific target organ toxicity : Not classified
- single exposure

Aspiration hazard : Not classified

GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements : Suspected of causing cancer.

Precautionary Statements : **Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

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Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Concentration: (%)</u>
Amides, coco, N,N-bis (hydroxyethyl)	68603-42-9	3 - < 5
2-PROPANOL	67-63-0	< 1

Other components below reportable levels

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse with water. Get medical attention if irritation develops and persists.

In case of skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Move to fresh air. Call a physician if symptoms develop or persist.

Protection of first-aiders : Move to fresh air. Call a physician if symptoms develop or persist.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : Direct contact with eyes may cause temporary irritation. Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

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Specific hazards during firefighting	: During fire, gases hazardous to health may be formed.
Hazardous combustion products	: No data available
Special protective equipment for firefighters	: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific extinguishing methods	: Use standard firefighting procedures and consider the hazards of other involved materials.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental precautions	: Avoid discharge into drains, water courses or onto the ground.
Methods and materials for containment and cleaning up	: Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage	: Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
Suitable material	: No data available

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Unsuitable material : No data available

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-PROPANOL (CAS 67-63-0)	PEL	980 mg/m3
		400 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
2-PROPANOL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
2-PROPANOL (CAS 67-63-0)	STEL	1225 mg/m3
		500 ppm
	TWA	980 mg/m3
		400 ppm

US. ACGIH Threshold Limit Values

Components	Value	Determinant	Specimen	Sampling Time
2-PROPANOL (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

Engineering measures : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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Personal protective equipment

Eye protection	: Safety glasses with side shields.
Hand protection	: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Skin protection	: Use of an impervious apron is recommended.
Respiratory protection	: Chemical respirator with organic vapor cartridge and full facepiece..
Hygiene measures	: Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Colour	: Clear
Odour	: Odorless
Flash point	: no data available
pH	: no data available
Odour Threshold	: no data available
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: 0.00001 hPa estimated
Relative vapour density	: no data available
Relative density	: no data available
Density	: 0.81 g/cm ³ estimated
Water solubility	: no data available
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: no data available

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Percent volatile : 93.25 % estimated
Thermal decomposition : no data available
temperature
Viscosity, dynamic : no data available
Viscosity, kinematic : no data available
Specific gravity : 0.81 estimated
VOC : 0.87 % estimated

Section: 10. STABILITY AND REACTIVITY

Chemical stability : Material is stable under normal conditions.
Possibility of hazardous : No dangerous reaction known under conditions of normal use.
reactions
Conditions to avoid : Contact with incompatible materials
Incompatible materials : Strong oxidizing agents.
Hazardous decomposition : No hazardous decomposition products are known.
products

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of :
exposure

Potential Health Effects

Eyes : Direct contact with eyes may cause temporary irritation.
Skin : No adverse effects due to skin contact are expected.
Ingestion : Expected to be a low ingestion hazard.
Inhalation : Prolonged inhalation may be harmful.

Experience with human exposure

Eye contact : No data available.
Skin contact : No data available.
Ingestion : No data available.

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Inhalation : No data available.

Toxicity

Product

Acute oral toxicity : No data available
Acute inhalation toxicity : No data available
Acute dermal toxicity : No data available
Skin corrosion/irritation : Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation : Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitization : Not a respiratory sensitizer. This product is not expected to cause skin sensitization.
Carcinogenicity : Suspected of causing cancer.

IARC

Amides, coco, N,N-bis (hydroxyethyl)
(CAS 68603-42-9)

2B Possibly carcinogenic to humans.

OSHA

Not regulated.

NTP

Not listed.

Reproductive effects : This product is not expected to cause reproductive or developmental effects.
Germ cell mutagenicity : Not classified
Teratogenicity : Not classified
STOT - single exposure : Not classified
STOT - repeated exposure : Not classified
Aspiration toxicity : Not an aspiration hazard.
Chronic effects : Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

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Environmental Effects : The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability no data available

Mobility: no data available

Bioaccumulative potential: Partition coefficient n-octanol / water (log Kow)

2-PROPANOL

0.05

Other information

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.

Contaminated packaging : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT):

Not regulated as dangerous goods.

Air transport (IATA)

Not regulated as dangerous goods

Sea transport (IMDG/IMO)

Not regulated as dangerous goods

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Transport in bulk according to Annex II of MARPOL 73/28 and IBC Code – Not established

Section: 15. REGULATORY INFORMATION

US Federal Regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

TSCA list : Not regulated

CERCLA Reportable Quantity : 2-PROPANOL (CAS 67-63-0) Listed

SARA 304 Emergency release notification : Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001.-1050) : Not regulated

Superfund Amendments & Reauthorization Act of 1986 (SARA) : **Hazard categories**
Immediate Hazard – No
Delayed Hazard – Yes
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance : Not listed

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
2-PROPANOL	67-63-0	< 1

US STATE REGULATIONS

US California Controlled Substances. (CA Health and Safety Code Section 11100): Not listed

US California Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)): 2-PROPANOL (CAS 67-63-0)
Amides, coco, N,N-bis (hydroxyethyl) (CAS 68603-42-9)

Massachusetts RTK - Substance List: 2-PROPANOL (CAS 67-63-0)

New Jersey Worker and Community Right-to-Know Act: 2-PROPANOL (CAS 67-63-0)

Pennsylvania Worker and Community Right-to-Know Law: 2-PROPANOL (CAS 67-63-0)

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Rhode Island RTK: 2-PROPANOL (CAS 67-63-0)

Californial Proposition 65:

WARNING: This product contains a chemical known to the State of California to cause cancer.

US California Proposition 65 – CRT: Listed date/Carcinogenic substance

Amides, coco, N,N-bis (hydroxyethyl) (CAS 68603-42-9)

Listed: June 22, 2012

INTERNATIONAL CHEMICAL CONTROL LAWS :

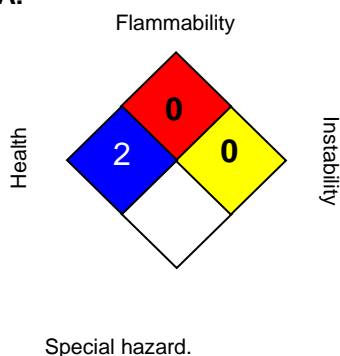
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,

2 = Moderate, 3 = High

4 = Extreme, * = Chronic

Revision Date : 07/26/2024

Version Number : 1.0

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

