

P.O. BOX 1603
EUNICE, LA 70535
866-457-0064 or 337-457-0064

SAFETY DATA SHEET

DEL PACK III

1. - IDENTIFICATION

Identification

Product Name: Del Pack III

Additional identification

Chemical Name: Proprietary Blend
Chemical Family: Cationic Surfactants

Recommended use and restriction on use

Recommended use: Packer fluid corrosion inhibitor.
Restriction on use: Not determined.

Details of the supplier of the safety data sheet

Supplier
Company name: Delta Drilling Products & Services, LLC
Address: 154 Eastpark Drive
Eunice, LA 70535
Telephone: 866-457-0064 or 337-457-0064
E-mail: deltaproducts@bellsouth.net

Emergency telephone number:

FOR TRANSPORTEMERGENCY CALL CHEMTREC (+1) 7035273887

2. - HAZARD(S) IDENTIFICATION

Hazard Classification

Health Hazards

Aspiration Hazard
Irritant (skin and eye), skin sensitizer

Hazard Symbol:



Hazard Statement

Eyes: Will irritate eyes.
Skin: Upon prolonged or repeated contact, may cause irritation.
Inhalation: Prolonged exposure to vapor may cause irritation.
Ingestion: Low oral toxicity. May cause gastrointestinal disturbance or discomfort
Storage: Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification: None identified.

3. – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Upper Bound Conc %
Sodium sulfite	7757-83-7	0.022
Morpholine production residues	68909-77-3	0.30
Quaternary ammonium compound	Trade secret	

Trade secret information: A specific chemical identity and / or percentage of composition has been withheld as a trade secret.

4. – FIRST-AID MEASURES

Ingestion: Do NOT induce vomiting. Aspiration of material due to vomiting can cause chemical pneumonitis which can be fatal. If vomiting occurs naturally, the casualty should lean forward to reduce the risk of aspiration. Immediately call a POISON CENTER/doctor.

Inhalation: Remove exposed person to fresh air if adverse effects are observed.

Skin Contact: Wash with soap and water. If skin irritation occurs, get medical attention.

Eye contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

Most important symptoms/effects, acute and delayed

Symptoms: See section 11.

Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: CO₂ dry chemical, foam, water spray, water fog.

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

Specific hazards arising from the chemical: A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available

Special protective: Recommend wearing self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

Methods and material for containment and cleaning up:

Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

7. HANDLING AND STORAGE

Precautions for safe handling

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment.

Maximum Handling Temperature:

Not determined.

Conditions for safe storage, including any incompatibilities

Store away from incompatible materials. See section 10 for incompatible materials.

Maximum Storage Temperature:

Not determined.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate engineering ventilation controls:

No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information:

Use personal protective equipment as required.

Eye/face protection:

If contact is likely, safety glasses with side shields are recommended.

Skin Protection

Hand Protection:

Suitable gloves can be recommended by the glove supplier.

Other:

No data available.

Respiratory Protection:

Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Amber with slight ammonia odor.

Boiling Point:

NE

Melting Point:

N/A

Sp. Gravity (water=1):

1.080 – 1.085

Vapor Pressure (mm Hg/20°C):	NE
Vapor Density (Air-1):	>1
Solubility in Water (% by weight):	Soluble
pH:	7.0-8.0
% Volatiles by Vol (at 20°C):	ND

10. STABILITY AND REACTIVITY

Reactivity:	Will react with most acids or oxidizing agents.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Will not occur.
Conditions to avoid:	Not determined.
Incompatible Materials:	Oxidizing materials and acids.
Hazardous Decomposition Products:	Thermal decomposition or combustion may generate smoke CO, NO ₂ , and HCl.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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

Information on toxicological effects

Acute toxicity

Oral

Product: Not classified for acute toxicity based on available data.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:

Product: Not classified as a primary skin irritant.

Serious Eye Damage/Eye Irritation:

Product: Remarks: Not classified as a primary eye irritant.

Respiratory sensitization:

No data available

Skin sensitization:

No data available

Specific Target Organ Toxicity – Single Exposure:

No data available

Aspiration Hazard:

Product: May be fatal if swallowed and enters airways.

Chronic Effects

Carcinogenicity: No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity:	No data available
Reproductive toxicity:	No data available
Specific Target Organ Toxicity – Repeated Exposure:	No data available
Reportable Quantity:	EPA 40 CFR 302 (CERCLA 102) NA
Components present which could require reporting:	Unknown
Threshold Planning Quantity:	EPA 40 CFR 355 (SARA 301-304): NA
Toxic Chemical Release Reporting:	EPA 40 CFR 372 (SARA 311-313): NA

12. - ECOLOGICAL INFORMATION

Ecotoxicity

Fish	No data available
Aquatic Invertebrates	No data available
Toxicity to Aquatic Plants	No data available
Toxicity to soil dwelling organisms	No data available
Sediment Toxicity	No data available
Toxicity to Terrestrial Plants	No data available
Toxicity to Above-Ground Organisms	No data available
Toxicity to microorganisms	No data available

Persistence and Degradability

Biodegradation	No data available
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Bioaccumulative Potential

Bioconcentration Factor (BCF)	No data available
Partition Coefficient n-octanol/water (log Kow)	No data available

Mobility:

No data available

Other Adverse Effects:

No data available

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Contaminated Packaging: Container packaging may exhibit hazards

14. TRANSPORT INFORMATION

- DOT
Not regulated.
- IMDG
Not regulated.
- IATA
Not regulated.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
None known.
- Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

15. REGULATORY INFORMATION

US Federal Regulations

TSCA Section 12 (b) Export Notification (40 CFR 707, Supt. D)
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate
(Acute) Health
Hazards

SARA 302 Extremely Hazardous Substance
SARA 304 Emergency Release Notification
SARA 311/312 Hazardous Chemical
SARA 313 (TRI Reporting)
This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA). Additional information can be received upon request.

US State Regulations

US. California Proposition 65
No ingredient regulated by CA Prop 65 present.

Inventory Status

Australia (AICS)
All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)
All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC)
All components of this product are listed on the Inventory of Existing Chemical Substances in China.

European Union (REACH)
To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.

Japan (ENCS)
All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL)
This product requires notification before sale in Korea.

New Zealand (NZIoC)
All components are in compliance with chemical notification requirements in New Zealand.

Philippines (PICCS)
All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)
This product contains a substance that is not listed on the Switzerland Inventory of Notified New Substances.

Taiwan (TCSCA)

This product requires notification before sales in Taiwan.

United States (TSCA)

All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.





16. OTHER INFORMATION

HMIS Hazard ID

Health	1
Flammability	1
Physical Hazards	0

Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; RNP – Rating not possible; *Chronic health effect

NFPA Hazard ID

	Flammability
	Health
	Reactivity
	Special hazard



Hazard rating: 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe; RNP – Rating not possible

Issue Date: 03/10/2017

Version #: 1.1

Source of information: Internal company data and other publically available resources.

Further Information: Contact supplier (see Section 1)

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