



G E O[®]
SPECIALTY CHEMICALS

SAFETY DATA SHEET

Revision date 2017-May-10

Revision number 1

1. IDENTIFICATION

Product identifier

Product name Daxad® 19

Other means of identification

Product code 1948P 1
Synonyms Sulfonated Naphthalene Condensate, Sodium Salt

Recommended use of the chemical and restrictions on use

Recommended use [RU] No information available
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier GEO Specialty Chemicals, Inc.
739 Independence Parkway South
Deer Park, TX 77536
+1-281-479-9525
Hours: Monday-Friday 9:00-5:00 CST (Central Standard Time)

Contact Point safety-data-sheet-fp@geosc.com

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: (800) 424-9300
Outside USA - +1 (703) 527-3887 collect calls accepted

2. HAZARDS IDENTIFICATION

Classification

Canadian HPR Regulatory Status

This chemical is not considered hazardous by the Hazardous Products Regulation (WHMIS 2015)

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

GHS Label elements, including precautionary statements

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Physical state	Color	Appearance	Odor
solid	tan	powder	bland

Other information

- May be harmful if swallowed

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

None

Non-hazardous ingredients

Component	Common name	CAS-No	weight-%
Naphthalenesulfonic acid, formaldehyde polymer, sodium salt	Not applicable	9084-06-4	75 - 85%
Sodium Sulfate	Not applicable	7757-82-6	10 - 20%
Water	Not applicable	7732-18-5	< 10%

4. FIRST AID MEASURES**First Aid Measures****Eye contact**

Remove contact lenses, if worn. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention if irritation develops and persists.

Skin contact

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Most important symptoms and effects, both acute and delayed**Acute effects**

May result in mild irritation of a short-term nature for the skin and eyes.

Chronic effects

None known.

Aggravated Medical Conditions

Existing skin, eye and lung conditions.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Extinguishing media****Suitable extinguishing media**

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture**Special Hazard**

Use water spray to cool fire exposed surfaces.

Advice for firefighters**Firefighting measures**

Cool exposed containers with water spray after extinguishing fire.

Special protective equipment for firefighters

Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

Explosion data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Wear suitable protective clothing and gloves.

Environmental precautions**Environmental precautions**

Do not allow to enter sewer or surface and subsurface waters.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Clear spills immediately. Shovel into labeled waste container for reuse or disposal. Do not use vacuum truck because of corrosive nature of product. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Provide adequate ventilation to spill area.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Hygroscopic. Keep container closed when not in use

Avoid contact with eyes, skin and clothing. Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing. Wash thoroughly after handling

Avoid generation of dust. Avoid breathing dust. Use respiratory protection where dust may be generated. Use only in well-ventilated areas

FOR INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in a cool, dry place to prevent product from caking

Incompatible products

Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls**Engineering controls**

Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

Individual protection measures, such as personal protective equipment**Eye/face Protection**

Dust protection eye glasses.

Hand Protection

Appropriate chemical resistant gloves should be worn.

Skin and body protection

Standard work clothing and work shoes.

Respiratory protection

Follow manufacturer's recommendations. Use approved NIOSH respiratory protection if TLV exceeded or over exposure is likely.

Other personal protection data

Eyewash fountains and safety showers must be easily accessible.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	solid
Color	tan
Appearance	powder
Odor	bland
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks / Method</u>
pH	9 - 10	solution (2 %)
Melting / freezing point	No information available	No information available
Boiling point / boiling range	No information available	No information available
Flash point	No information available	No information available

Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air		
Upper flammability limit	No information available	No information available
Lower flammability limit	No information available	No information available
Vapor pressure	No information available	No information available
Vapor density	No information available	No information available
Specific gravity	No information available	No information available
Solubility (water)	clear to slightly hazy, solution (10 %)	No information available
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	Not applicable	No information available
Dynamic viscosity	Not applicable	No information available

Other information

Density	No information available
Bulk Density	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
Volatile Organic Compound (VOC) content, wt. %	No information available
Percent Volatile, wt. %	6.5 % max w/w

10. STABILITY AND REACTIVITY

Reactivity

Reactivity
No data available.

Chemical stability

Chemical stability
Stable under normal conditions of handling, use and transportation.

Possibility of hazardous reactions

Possibility of hazardous reactions
None under normal processing.

Hazardous polymerization
Not anticipated under normal or recommended handling and storage conditions.

Conditions to avoid

Conditions to avoid

None known.

Incompatible materials**Materials to avoid**

Oxidizing agents.

Hazardous decomposition products**Hazardous decomposition products**

Sulphur oxides. Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Eye contact**

May cause mild, transient eye irritation.

Skin contact

Prolonged or repeated contact with product may cause mild irritation.

Ingestion

May be harmful if swallowed.

Inhalation

Not considered hazardous under normal conditions of use. Inhalation of dust may cause irritation of the respiratory system.

Acute toxicity - Product Information

Oral LD50 3,250 - 4,300 mg/kg (rat)

Dermal LD50 > 16,000 mg/kg (rabbits)

Inhalation LC50 No information available

Acute toxicity - Component Information

Component	weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Naphthalenesulfonic acid, formaldehyde polymer, sodium salt 9084-06-4	75 - 85%	= 3800 mg/kg (Rat)	--	--
Sodium Sulfate 7757-82-6	10 - 20%	> 10000 mg/kg (Rat)	--	--

Information on toxicological effects**Symptoms**

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Skin corrosion/irritation**

Mild skin irritation

Serious eye damage/eye irritation

Mild eye irritation

Sensitization

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

This product does not contain any components in concentrations greater than or equal to 0.1% that are listed as known or suspected carcinogens by NTP, IARC, ACGIH, or OSHA.

Reproductive toxicity

No information available

Specific target organ toxicity - Single exposure

No information available.

Specific target organ toxicity - Repeated exposure

No information available

Aspiration hazard

No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4105 mg/kg

Other information

Conclusions are drawn from sources other than direct testing.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Acute aquatic toxicity - Product Information**

Fish	No information available
Crustacea	No information available
Algae/aquatic plants	No information available

Acute aquatic toxicity - Component Information

Component	weight-%	Algae/aquatic plants	Fish	Toxicity to daphnia and other aquatic invertebrates
Sodium Sulfate 7757-82-6	10 - 20%	--	LC50 (96 h) 13500 - 14500 mg/L (Pimephales promelas) LC50 (96 h) = 13500 mg/L (Lepomis macrochirus) LC50 (96 h static) 3040 - 4380 mg/L (Lepomis macrochirus) LC50 (96 h static) > 6800 mg/L (Pimephales promelas)	EC50 (96 h) = 630 mg/L (Daphnia magna) EC50 (48 h) = 2564 mg/L (Daphnia magna)

Persistence and degradability**Persistence and degradability**

No information available

Bioaccumulative potential**Bioaccumulative potential**

No information available

Mobility**Mobility**

No information available

Results of PBT and vPvB assessment**PBT and vPvB assessment**

No information available

Other adverse effects**Other information**

No other ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations.

Contaminated packaging

Since empty containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION**TDG** Not regulated**DOT** Not regulated**ICAO/IATA** Not regulated**IMDG** Not regulated**15. REGULATORY INFORMATION****National Regulations****Canada (DSL)**

All ingredients are on the inventory or exempt from listing

Canada (NDSL)

None of the ingredients are on the inventory.

International Inventories**Australia (AICS)**

All ingredients are on the inventory or exempt from listing

China (IECSC)

All ingredients are on the inventory or exempt from listing

European Union (EINECS)

All ingredients are on the inventory or exempt from listing

European Union (ELINCS)

None of the ingredients are on the inventory.

Japan (ENCS)

All ingredients are on the inventory or exempt from listing

South Korea (KECL)

All ingredients are on the inventory or exempt from listing

Philippines (PICCS)

All ingredients are on the inventory or exempt from listing

United States (TSCA)

All ingredients are on the inventory or exempt from listing

Legend

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

AICS - Australian Inventory of Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

16. OTHER INFORMATION

Product code	1948P 1
Revision date	2017-May-10
Revision number	1

Disclaimer

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.

End of Safety Data Sheet

