

## Safety Data Sheet (SDS)

Preparation Date 2014/04/18

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## Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	DENATRON SP-801
Product Code	P11210-AC7038
Reference Number	P112106529-9
Company Name	Nagase ChemteX Corporation
Address	236, Tatsunocho-nakai, Tatsuno, Hyogo, Japan
Company Contact	Nagase ChemteX Corporation
Phone Number	+81-791-63-9087
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## Section 2 – HAZARDS IDENTIFICATION

## GHS Classification

Physicochemical Hazards	Flammable liquids Not classified
Health Hazards	Serious eye damage/eye irritation Category 2B Sensitization – skin Category 1 Specific target organ toxicity (single exposure) Category 3(narcotic effect) Other hazards than mentioned above are Not applicable or No data available.

## GHS Label Elements

## Symbols



Signal Word	Warning
Hazard Statements	H317 May cause an allergic skin reaction H320 Causes eye irritation H336 May cause drowsiness or dizziness
Precautionary Statements	
Prevention	Avoid breathing mist, vapours, spray, dust and fume.(P261)
Precautionary Statements	Wash hands thoroughly after handling.(P264) Use only outdoors or in a well-ventilated area.(P271) Contaminated work clothing should not be allowed out of the workplace.(P272) Wear protective gloves, protective clothing and eye protection.(P280)
Response	IF ON SKIN: Rinse skin with water or shower.(P302+P353)
Precautionary Statements	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.(P304+P340)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)

IF exposed or if you feel unwell: Call a doctor.(P309+P311)

If skin irritation or rash occurs, get medical advice and attention.(P333+P313)

If eye irritation persists: Get medical advice and attention.(P337+P313)

Take off contaminated clothing and wash it before reuse.(P362+P364)

Storage  
Precautionary  
Statements

Store in a well-ventilated place keeping container tightly closed.(P403+P233)

Disposal  
Precautionary  
Statements

Store locked up.(P405)

Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

### Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance  
or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Poly(3,4- ethylenedioxythiophene) sulfonate	≅ 1%	—	Trade secret	—	155090-83-8
1,2-Propanediol	≅ 50%	—	(2)-234	—	57-55-6
Water	≅ 49%	—	—	—	7732-18-5

Impurities and/or  
Stabilizing Additives which  
Contribute to the  
Classification

No information available

### Section 4 – FIRST AID MEASURES

Inhalation

If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing.

Skin Contact

Call a doctor if you feel unwell.

Wash the skin with flowing water or shower.

Wash contaminated clothing before reuse.

Call a doctor if you feel unwell.

If skin irritation or rash occurs, get medical advice and attention.

Eye Contact

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

When the ocular stimulation lasts, Seek medical treatment and advice.

Ingestion

Rinse a mouth. Don't make vomit by force.

Get medical treatment and advice.

### Section 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Foam. Carbon dioxide. BCF (where regulations permit). Dry chemical powder. Dry sand.

Specific Fire Fighting

Move containers from fire area if you can do it without risk.

Protection of Fire Fighter

Cool containers with flooding quantities of water until well after fire is out.  
 Use extinguishing agent suitable for type of surrounding fire.  
 In fire fighting, wear respiratory protection and chemical protective clothing.

**Section 6 – ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment and Emergency Procedures

Do not touch or walk through spilled material.

Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.  
 Keep unauthorized personnel away.  
 Stay upwind.  
 Wear appropriate personal protective equipment (Refer to "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin.  
 Keep out of low areas.  
 Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.  
 Do not release into the environment.

Environmental Precautions

Pay attention not to cause the influence on the environment by discharging into rivers.  
 All equipment used when handling the product must be grounded.

Methods and Equipment for Containment and Cleaning up

After removal, flush contaminated area thoroughly with water.  
 For small amount of spills, collect spillages into empty container which can be sealed after absorbing with waste cloth, dry sand, absorbent etc.  
 Large spills; prevent flowing out with a dike and collect it at a safe place.  
 Flush a floor fully. Neutralize rinsing water after rinsing, if needed.

Prevention Measures for Secondary Accidents

Removes all ignition sources promptly. (Prohibition of smoking, sparks, and flames in the surrounding area).  
 Prevent flowing into drain, sewage, basement, and closed area.

**Section 7 – HANDLING AND STORAGE**

Handling

Technical Measures Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".

Precautions for Safe Handling

Prohibit use of heat, sparks, and fire in the surrounding area.  
 Wash hand thoroughly after handling.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Do not get in eyes, on skin or on clothing.  
 Do not breath mist, vapors, spray, dust or fume.

		Do not swallow.
	Prevents Handling of Incompatible Substances or Mixtures	Refer to "Section 10 – STABILITY AND REACTIVITY".
	Specific Hygiene Measures	Wash hand thoroughly after handling.
Storage Precautionary Statements		Contaminated work clothing should not be allowed out of the workplace.
		Flammable – Keep Fire Away
		Storage may be subjected to national, state, or local laws.
	Conditions for Safe Storage	Refer to "Section 10 – STABILITY AND REACTIVITY". Keep away from direct sunlight, high temperature and high humidity. Keep in a well-ventilated place. Keep container tightly closed. Keep in a cool place or at the designated storage temperature. Keep in a dark place.
	Material Used in Packaging/Container	Follow all regulations in your country. Keep only in the original container.

#### Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls		Facilities storing or utilizing this product should be equipped with an eyewash facility and safety shower. Use explosion-proof electrical, ventilating and lighting equipment. Handle at the workplace in which the suitable ventilator was installed.
Personal Protective Equipment	Respiratory Protection	Wear an adequate protective apparatus for respiratory organs.
	Hand Protection	Wear protective gloves.
	Eye Protection	Wear eye protection. Goggles (ordinary glass type with side shields, and goggle type)
	Skin and Body Protection	Wear suitable protective clothing.  Use impervious protective clothing(e.g. apron, rubber boots etc.) if needed.

#### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form	liquid (viscous liquid)
	Colour	deep blue
Odour		almost odorless
Odour threshold		no data available
pH		2 ~ 3
Melting Point/Freezing Point		no data available
Initial Boiling Point and Boiling Ranges		no data available
Flash Point		Not ignited
Evaporation Rate		no data available
Flammability (solid, gas)		no data available
Flammability or Explosive Limits	Lower Limit	no data available

	Upper Limit	no data available
Vapour Pressure		no data available
Vapour Density		no data available
Specific Gravity (Density)		no data available
Solubility		Miscible with water
Partition Coefficient : n-Octanol/Water		no data available
Auto-Ignition Temperature		no data available
Decomposition Temperature		no data available
Viscosity		no data available
<b>Section 10 – STABILITY AND REACTIVITY</b>		
Chemical stability and Reactivity		The material is stable under storage and handling conditions comprised with the regulations.
Possibility of Hazardous Reaction		No data available
Conditions to Avoid Hazardous Decomposition Products		High-temperature material. Spark. Naked flame. No data available
<b>Section 11 – TOXICOLOGICAL INFORMATION</b>		
Acute Toxicity		No information available
<b>Section 12 – ECOLOGICAL INFORMATION</b>		
Ecotoxicity		No information available
Hazardous to the ozone layer		No information available
<b>Section 13 – DISPOSAL CONSIDERATIONS</b>		
Residual Waste		Incinerate in small portions with an incinerator or entrust to an industrial waste disposal company approved by the local authority. Discharge, treatment, or disposal may be subjected to national, state, or local laws. When destroying by fire, burn the waste in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated Container and Packaging		If possible, clean up and recycle. Or perform suitable processing in accordance with regulation. Remove residual contents completely before an empty container is discarded.
<b>Section 14 – TRANSPORT INFORMATION</b>		
International Regulations	Regulatory Information by Sea	Not applicable
	Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code	Not applicable
	Regulatory Information by Air	Not applicable
Specific Safety Measures		Check the container for any leaks and breakages. Load up carefully to prevent a fall, a overturning and a breakage. Carry out prevention to unloading of cargo. Do not wet container. Do not handle roughly.

## Section 15 – REGULATORY INFORMATION

Follow all regulations in your country.

## Section 16 – OTHER INFORMATION

Information Contact

See “Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION”.

Literature References

- GHS LOGIST (MSDS Authoring Systems) / Japan Chemical Database Ltd.
- Chemical Risk Information Platform (CHRIP) / National Institute of Technology and Evaluation (NITE)
- Online SDS Information / Ministry of Health, Labour and Welfare (JAPAN)
- ezADVANCE / Japan Chemical Database Ltd.
- ChemWatch online ChemGold
- SDS information of raw materials

Other Property

The information provided in this Material 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.