

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

GHS Product Identifier	Not applicable.
Chemical Name	Sodium toluenesulfonate, 93% Powder
Trade name	NAXONATE ST
CAS No.	12068-03-0

Relevant identified uses of the substance or mixture and uses advised against

Identified use(s)	Industrial Cleaners, Photographic Chemicals, Printing Application
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Uses advised against	None
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Details of the supplier of the safety data sheet

Company Identification	Nease Co. LLC 10740 Paddys Run Road Harrison, OH 45030
Telephone	(513) 738-1255
Telephone (Product Information)	(888) 762-7373
Fax	513-587-2828
Only Representative	None assigned
Emergency telephone number	
Emergency Phone No.	(513) 738-1255 CHEMTREC 24 hr. +1 (800) 424-9300 (Collect call accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Eye Irrit. 2 Skin Irrit. 2
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Label elements

Hazard Symbol



Warning

Hazard statement(s)	Causes serious eye irritation. Causes skin irritation.
Precautionary statement(s)	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other hazards

Additional Information	Not classified as PBT or vPvB.
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None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredient(s)	%W/W	CAS No.	Hazard statement(s)
Sodium toluenesulfonate	> 93	12068-03-0	Causes serious eye irritation. Causes skin irritation.

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. Apply artificial respiration if necessary. Keep patient at rest and give oxygen if breathing difficult.
Skin Contact	Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water. If irritation develops and persists, get medical attention.
Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If eye irritation persists, get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Obtain immediate medical attention.

Most important symptoms and effects, both acute and delayed None

Indication of any immediate medical attention and special treatment needed None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable Extinguishing Media	None known

Special hazards arising from the substance or mixture Carbon monoxide, Carbon dioxide, Sulphur oxides,

Advice for fire-fighters Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling.

Environmental precautions None known

Methods and material for containment and cleaning up Sweep spilled substances into containers. Consult an accredited waste disposal contractor or the local authority for advice.

Reference to other sections None
Additional Information None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

-Storage Temperature

Keep container/package tightly closed in a cool, well-ventilated place.

-Incompatible materials

Oxidizing agents

Specific end use(s)

Industrial Cleaners, Photographic Chemicals, Printing Application

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)		STEL (ppm)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	----		----		----	

- STEL: Short Term Exposure Limit

Exposure controls

Appropriate engineering controls

Local exhaust recommended.

Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Gloves (Neoprene or Natural rubber)

Respiratory protection



No personal respiratory protective equipment normally required.

Thermal hazards

Not normally required.

Environmental Exposure Controls

None assigned

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Powder
Colour.	White / Cream
Odour	No odour
Odour threshold (ppm)	Not available
pH (Value)	6 - 9 (40% Solution)
Melting point (°C) / Freezing point (°C)	228 (estimated)
Boiling point/boiling range (°C):	533 (estimated)
Flash point (°C)	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosive limit ranges	Not applicable

Vapour pressure (Pascal)	2.63E-011 (estimated)
Vapour density (Air=1)	Not available
Density (g/ml)	0.4 - 0.5
Solubility (Water)	Soluble
Solubility (Other)	Not available
Partition coefficient (n-Octanol/water)	Log Kow: -2.4 (estimated)
Auto ignition point (°C)	Not available
Decomposition temperature (°C)	Not available
Kinematic Viscosity (mPa-s) @ 22°C	Not available
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	None known
Incompatible materials	Oxidizing agents
Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide, Sulphur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Sodium toluenesulfonate (CAS No. 12068-03-0)

Acute toxicity	Oral LD50 = 6500 mg/kg (rat) Inhalation LC50 > 557,000 mg/m ³
Irritation	Causes irritation to eyes and skin.
Corrosivity	Not to be expected*
Sensitisation	Not to be expected*
Repeated dose toxicity	Not to be expected*
Carcinogenicity	Not to be expected*
Mutagenicity	Not to be expected*
Toxicity for reproduction	Not to be expected*

*This assessment is based on information available on similar products.

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

Other information None known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Sodium toluenesulfonate (CAS No. 12068-03-0)

No data. Unlikely to cause harmful effects.

Persistence and degradability	Readily biodegradable. (100% after 3 days)
Bioaccumulative potential	The product has low potential for bioaccumulation.
Mobility in soil	No data
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information None known.

SECTION 14: TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION) Not classified as dangerous for transport.

UN number
 Proper Shipping Name
 Transport hazard class(es)
 Packing Group
 Hazard label(s)
 Environmental hazards
 Special precautions for user

Land transport (ADR/RID) Not classified as dangerous for transport.

UN number
 Proper Shipping Name
 Transport hazard class(es)
 Packing Group
 Hazard label(s)
 Environmental hazards
 Special precautions for user

Land transport (ADR/RID)

Sea transport (IMDG) Not classified as dangerous for transport.

UN number
 Proper Shipping Name
 Transport hazard class(es)
 Packing Group
 Marine Pollutant
 Special precautions for user

Air transport (ICAO/IATA) Not classified as dangerous for transport.

UN number
 Proper Shipping Name
 Transport hazard class(es)
 Packing Group
 Environmental hazards
 Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: On active TSCA list

Canada Domestic Substance List (DSL) - Listed

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):



Chemical Name	CAS No.	Typical %wt.
None	----	----

SECTION 16: OTHER INFORMATION

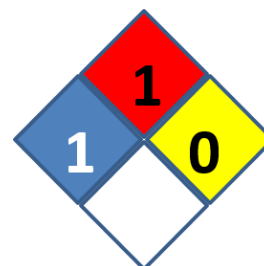
The following sections contain revisions or new statements: 15

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Additional Information:

HEALTH		1
FLAMMABILITY		1
PHYSICAL HAZARD		0
Personal Protection	B	 + 

HMIS (Hazardous Material Information System)



NFPA (National Fire Protection Association)

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