

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **NELLIE'S LAUNDRY SODA DETERGENT**

Product Use: Detergent for machine laundry wash

Details of Manufacturer

V.I.P. Soap Products Ltd
32859 Mission Way
Mission BC V2V 6E4
Canada

Phone: 1-604-820-8665
FAX 1-604-820-8804
Date of Preparation: April 2018
Expires: April 2021

Emergency Phone Numbers

Canada - CANUTEC 1-613-996-6666 OR *666 Cell Phone
USA or CANADA: Call CHEMTREC 1-800-424-9300

Section 2: Hazards Identification

Eye and Skin irritant



Data from TOXNET

Section 3: Hazardous Ingredients

INGREDIENT	LD50	LC50	CAS#	RANGE %
Lauryl Alcohol Ethoxylate	>2000 mg/kg	No Data	68551-12-2	1 - 10
Sodium Carbonate	4090 mg/kg	No Data	497-19-8	30 - 60
Sodium Metasilicate	1152-1349 mg/kg	No Data	10213-79-3	1 - 10

Section 4: First Aid Measures

Ingestion:

If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain Medical Advice.

Eye Contact:

In case of contact with eyes, flush with clean warm water for fifteen minutes. If discomfort continues, obtain medical attention

Section 5: Fire Fighting Measures

Flash Point °C	None
Extinguishing Media	Use Flooding quantities of water, water spray or fog.
Special Fire Fighting Procedure	Keep container tightly closed.
Unusual Fire or Explosion Hazard	None
Flammable Limits	None
Auto Ignition Temperature	None
Conditions of Flammability	None

Section 6: Accidental Release Measures

Contain accidental spills and prevent access to storm water drains or surface water run-off.
Spilled material collected for re-used where feasible.
Containerize unusable material for recovery or disposal according to local or state regulations

Section 7: Handling and Storage

Store in original containers. Keep out of reach of children and pets. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid freezing and heat.
Follow use directions given on the label. Keep container tightly closed.

Section 8: Exposure Controls – Personal Protection

Personal Protective Equipment

No specific personal protection is required. Prevent eye contact

Respiratory Protection:	Not normally required
Ventilation:	Normal ventilation is adequate
Protective Gloves:	Not normally required
Eye Protection:	Protect eyes from contact or splashes

Section 9: Physical and Chemical Properties

Physical State	Granular Powder	Appearance	Off white granular
Odor	Scent Free	Odor Threshold	Not apply
pH	11 - 12	Bulk Density	900 - 1100 g/L
Solubility in Water	Soluble	Freezing/Melting °C	0°C
Flash Point	Not apply	Vapor Pressure	No Data
Boiling Point	n/a	Evaporation Rate	n/a
Lower Flammability	n/a	Upper Flammability	Not apply
Auto- Ignition Temp	None	Decomposition temp	Not apply
Viscosity @20°C	None	Vapor Density	No Data
Partition Coefficient	>1		

Section 10: Stability and Reactivity

Reactivity	Product is stable
Chemical Stability	Product is stable.
Possible Hazardous Reactions	None
Conditions to Avoid	None specific
Incompatibilities	None
Decomposition	Will not decompose under normal conditions

Section 11: Toxicological Information

Routes of Exposure

Symptoms Summary

Acute toxicity:

Sodium Metasilicate is a GRAS food ingredient. The acute oral LD50 of Sodium Metasilicate ranged from 847 mg/kg in male rats to 1349.3 mg/kg in female rats. Sodium Metasilicate/carbonate detergent (37% Sodium Metasilicate) mixed 50/50 with water was considered a severe skin irritant when tested on the intact and abraded human skin.

Sodium carbonate has no or a low skin irritation potential, but it is considered irritating to the eyes. Due to the alkaline properties, an irritation of the respiratory tract is also possible.

Lauryl Alcohol Ethoxylate Ethoxylates with alkyl chains in the C12-18 range, being moderately acutely toxic by the oral route. By the dermal route - the relevant route of human exposure - it is not

sds nellie's laundry soda

	expected to produce skin irritation or systemic or reproductive toxicity at concentrations used in formulated cleaning products
Skin Contact	No problems reported in normal use
Skin Absorption	Unlikely
Eye Contact	May cause irritation or redness
Inhalation Acute	Unlikely
Inhalation Chronic	Unlikely
Ingestion	Unlikely
Irritancy	Moderate Irritation when exposed to wet skin
Effects of Acute Exposure	No problems reported
Effects of Chronic Exposure	None reported
Carcinogenicity	None reported
Reproductive Toxicity	None reported
Teratogenicity	None reported
Mutagenicity	None reported
Name of Toxicological Synergistic Product:	None

Section 12: Ecological Information

General Ecological information:

This formulation is not expected to bio-accumulate. Due to its water solubility, it will not remain in soil or sludge in the presence of mobile water.

Section 13: Disposal Considerations

Waste disposal of the product;

Containerize minor spills for reuse where possible.

Larger quantities are disposed of according to local and municipal regulations

Section 14: Transport Information

General Information:

Not regulated according Canada Transport of Dangerous Goods

Not regulated according to USA Department of Transportation

Section 15: Regulatory Information

Inventory Status: All ingredients listed are on the Canadian Domestic Substances List and the TSCA 2008 List

Section 16: Other Information

Preparation Data:

Prepared by Technical Advisory Service. Phone 1-604-820-8665. The information provided in this Safety Data Sheet obtained from sources believed to be reliable. V.I.P. Soap Products Ltd. provides no Warranties for the accuracy or completeness of the data contained herein. Product classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains information as required by the Controlled Products Regulations. PSCLtd