



## Safety Data Sheet

# Nano X Enhanced Laundry Detergent



### Section 1: Identification

<b>Product Name</b>	<b>Nano X Enhanced Laundry Detergent</b>
<b>Product Code</b>	NAN0105
<b>Intended Use</b>	Laundry Detergent
<b>Manufacturer's Name</b>	Renegade Brands USA, Inc.
<b>Address</b>	5351 Naiman Pkwy, Suite A Solon, OH 44139
<b>Emergency Phone</b>	513.636.5114
<b>Information Phone</b>	216.342.5229

### Section 2: Hazard(s) Identification

#### Hazardous Material Information System

**Health 1**

**Flammability 0**

**Reactivity 0**

**Protection X**

An aqueous, non-toxic, readily biodegradable product.

NOTE: The HMIS may not be enough hazard information for this chemical in all workplaces. The HMIS requires training about the system and about the information in this SDS.

#### Emergency Overview

**Small amount is not expected to create any health issues or any emergency condition**

#### Hazard Statements (GHS-US)

**H303**

Possible irritation, nausea, or diarrhea

**H320**

Minimal irritation, tearing, reddening, or swelling.

\*\*\*No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present\*\*\*

### Section 3: Composition/Information on Ingredients

# Chemical/Common Name	CAS-Number %	PEL-OSHA	TLV-ACGIH
Surfactant	n/a	Not Established	Not Established

A proprietary, non-toxic, biodegradable blend of trade secret polymers and surfactants. This product does not contain carcinogens according to NTP, IARC, or OSHA.

### Section 4: First Aid Measures

**Note: If irritation persists after any exposure, get medical help**

<b>Breathing</b>	Vapors will not injure
<b>Eating</b>	If swallowed dilute with milk or water
<b>Medical Notes</b>	Treat Symptomatically

## Section 5: Fire Fighting Measures

**Flash Point:** Will NOT burn. Will NOT support flames. Water-based product

## Section 6: Accidental Release Measures

Product is non-hazardous and residential sewer-able. Care must be taken if placed on surfaces as they become extremely slippery. Contain liquid and wash off with water.

## Section 7: Handling and Storage

Avoid freezing where possible. Keep container closed when not in use. No special requirements if product is handled according to good manufacturing practice. Avoid contact with eyes. Rinse hands after handling.

## Section 8: Exposure Controls/Personal Protection

**Ventilation** Not required  
**Handling** No special handling required

## Section 9: Physical and Chemical Properties

<b>Physical State:</b> Liquid	<b>Upper Lower Flammability or explosive limits:</b> N/A
<b>Color:</b> Clear to opaque	<b>Relative Density (H<sub>2</sub>O=1):</b> 1.0
<b>Boiling Point:</b> 212° F	<b>Partition Coefficient:</b> Water
<b>Freezing Point:</b> 32°F	<b>Decomposition Temperature:</b> 212°F
<b>Flash Point:</b> N/A Flammability: N/A	<b>Viscosity:</b> Water
<b>Vapor Pressure/Density:</b> As Water	<b>Odor Threshold:</b> None
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate (butyl acetate=1):</b> slower
<b>%Volatility by Volume:</b> 0	<b>pH:</b> 9.2-9.6
<b>Odor:</b> Pleasant	<b>VOC:</b> None

## Section 10: Stability and Reactivity

<b>Incompatibility (reactivity, materials to avoid)</b>	Strong Oxidizers, strong caustic, strong acids
<b>Hazardous Polymerization?</b>	No, see incompatibility
<b>Product Chemically Stable?</b>	Yes
<b>Hazardous Decomposition</b>	None known
<b>Conditions to Keep Stability</b>	Product remains stable in all conditions. Solid will concentrate up if boiled.

## Section 11: Toxicological Information

Components not listed in NTO, IARC, Prop 65 or SARA 313

\*Information given is based on data obtained from a similar product

Inhalation LC <sub>50</sub>	>5.48 mg/L, rat
Dermal LD <sub>50</sub>	>5,000 mg/kg, rat
Oral LD <sub>50</sub>	>5,000 mg/kg, rat
Skin Irritation	No skin irritation, rat
Chronic effects	None

Irritancy Sensitivity: See sections 2 and 4



## Section 12: Ecological Information

\*Information given is based on data obtained from a similar product

Biodegradability      Nano X Laundry Detergent is readily biodegradable when tested in accordance with OECD 301B

## Section 13: Disposal Considerations

This product is considered safe and residential sewer-able

## Section 14: Transport Information

Class 55 Non-hazardous

## Section 15: Regulatory Information

None

## Section 16: Other Information

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**HMIS Codes:** H-0 F-0 R-0 P-X

**Caution: Intentional misuse of this chemical product, as with any industrial chemical in contact with the body, can harmful or fatal. This includes such things as deliberately breathing, placing in mouth, swallowing, placing on skin, or repeated or continuous contact.**

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**ACGIH                      American Conference of Governmental Hygienist**  
**AKA                         Also known as. Synonym**