



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

**Product identifier**

**Trade name**

Solvent Degreaser

**Synonyms**

Detergent, Degreaser

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

**Use**

Industrial Use. Cleaning Solvent

**Manufacturer or supplier's details**

**Company**

Nyundo Trading (Pty) Ltd

**Address**

5A Jig Rd  
Montague Gardens  
Cape Town  
South Africa  
7441

**Telephone**

+27215102679

**E-mail address**

info@vortexsolvents.com

**Emergency telephone number**

+27 (0)17 610 4444 (South Africa)  
0861 555 777 RSA-Local only

### SECTION 2. Hazards identification

**Classification of the substance or mixture**

Globally Harmonized System of Classification and Labelling of Chemicals  
(GHS)

**Classification Label**

Flammable liquids

Category 3

**elements**



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

### Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

Hazard pictograms

:



Signal word

:

Warning

Hazard statements

:

H226 Flammable liquid and vapour.

### Precautionary statements

#### Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use non-sparking tools.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

#### Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370+ P378 In case of fire: Use Dry chemical, CO2, Water spray or fire-fighting foam to extinguish

#### Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

#### Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

### SECTION 3. Composition/information on ingredients

#### Mixture

Alcohols, C12-14-secondary, ethoxylated

Contents: < 5.00 %W/W

CAS-No. 84133-50-6

Index-No.

EC-No.

Natural Valencia additives

Contents: < 5.00 %W/W

CAS-No.

Index-No.

EC-No.

Kerosine (petroleum); Straight run kerosine

Contents: > 70.00 %W/W

CAS-No. 8008-20-6

Index-No. 649-404-00-4

EC-No. 232-366-4

Hazard statements *H304 H226*





**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

### SECTION 4. First aid measures

#### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

#### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

### SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray. Dry powder. Foam.
<b>Special hazards arising from the substance or mixture</b>	Flash back possible over considerable distance.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
<b>Environmental precautions</b>	Should not be released into the environment. Prevent further



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

**Methods for cleaning up** leakage or spillage if safe to do so.  
Soak up with inert absorbent material and dispose of as hazardous waste.

**Reference to other sections** Refer to section 8 and 13

### SECTION 7. Handling and storage

**Safe handling advice** Provide sufficient air exchange and/or exhaust in work rooms.  
Wear personal protective equipment.

**Advice on protection against fire and explosion** Keep away from heat and sources of ignition. Use explosion-proof equipment.

**Requirements for storage areas and containers** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Advice on common storage** No data available

### SECTION 8. Exposure controls/personal protection

**Components with workplace control parameters**

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

**Exposure controls**

#### Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

#### Personal protective equipment

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

### Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

#### Hand protection

Gloves suitable for permanent contact:

Material: butyl-rubber

Break through time: 4 h

Material thickness: 0.5 mm

#### Eye protection

Safety glasses with side-shields

#### Skin and body protection

Protective suit Safety shoes

#### Hygiene measures

Wash hands before breaks and immediately after handling the product.

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Clear colourless to blue
Odour	solvent-like
Odour Threshold	No data available
pH	7.0 - 8.0
Pour point	No data available
Boiling point/boiling range	154 ° C
Flash point	> 40 ° C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	Not determined
Relative vapour density	No data available
Density	> 0.85 g/cm <sup>3</sup> ; 20 ° C
Water solubility	Immiscible.
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	No data available





**VORTEX**  
PREMIUM SOLVENTS

# Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

## SECTION 10. Stability and reactivity

<b>Reactivity</b>	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
<b>Chemical stability</b>	No data available
<b>Possibility of hazardous reactions</b>	Finely dispersed particles form explosive mixtures with air. Reacts with the following substances: Strong acids and oxidizing agents
<b>Conditions to avoid</b>	Do not store next to heat source, in direct sunlight, or elevated storage temperature. Always close the lid.
<b>Materials to avoid</b>	Oxidizing agents. Reducing agents
<b>Hazardous decomposition products</b>	No data available

## SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	Kerosine (petroleum); Straight run kerosine: LD50 Rat: > 5,000 mg/kg; (literature value)
<b>Acute inhalation toxicity</b>	Kerosine (petroleum); Straight run kerosine: LC50 Rat: 4 h; > 5 mg/l; (literature value)
<b>Acute dermal toxicity</b>	Kerosine (petroleum); Straight run kerosine: LD50 Rabbit: > 2,000 mg/kg; (literature value)
<b>Skin irritation</b>	Kerosine (petroleum); Straight run kerosine: Rabbit: Irritating to skin.; Draize Test (literature value)
<b>Eye irritation</b>	Kerosine (petroleum); Straight run kerosine: Rabbit: Not irritating Draize Test (literature value)
<b>Sensitisation</b>	Kerosine (petroleum); Straight run kerosine: Buehler Test; Guinea pig: Did not cause sensitisation on laboratory animals.

## SECTION 12. Ecological information

<b>Toxicity to fish</b>	Kerosine (petroleum); Straight run kerosine: 4 d; LL50; 2 - 5 mg/l;
<b>Toxicity to fish</b>	Kerosine (petroleum); Straight run kerosine: 72 h; LL50; 2 - 5 mg/l;



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

### Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

<b>Toxicity to fish</b>	Kerosine (petroleum); Straight run kerosine: 48 h; LL50; 2 - 5 mg/l;
<b>Toxicity to fish</b>	Kerosine (petroleum); Straight run kerosine: 24 h; LL50; 5 - 17 mg/l;
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Kerosine (petroleum); Straight run kerosine: 48 h; EL50; 1.4 mg/l
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Kerosine (petroleum); Straight run kerosine: 24 h; EL50; 4.6 mg/l
<b>Biodegradability</b>	Kerosine (petroleum); Straight run kerosine: Expected to be biodegradable

#### SECTION 13. Disposal considerations

<b>Product</b>	Dispose of as special waste in compliance with local and national regulations.
----------------	--

#### SECTION 14. Transport information

<b>ADR</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III; F1;
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Kerosene)

<b>RID</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III; F1
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Kerosene)

<b>ADNR</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3





**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

**Packaging group:** III; F1  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Kerosene)

### IMDG

**UN number:** 1993  
**Class:** 3  
**EmS:** F-E, S-E  
**Packaging group:** III; Marine pollutant  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Kerosene)

### ICAO/IATA

**UN number :** 1993  
**Class:** 3  
**Packaging group:** III  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S.  
(Kerosene)

## SECTION 15. Regulatory information

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

Canada. DSL - Domestic Substances List,  
part of CEPA

**Components Not listed**  
Natural Valencia additives

Australia. AICS - Australian Inventory of  
Chemical Substances

**Components Not listed**  
Natural Valencia additives

New Zealand Inventory of Chemical  
Substances

**Components Not listed**  
Natural Valencia additives

Japan. ENCS - Existing and New Chemical  
Substances Inventory

**Components Not listed**  
Alcohols, C12-14-secondary, ethoxylated  
Natural Valencia additives  
kerosine (petroleum)

Japan. Industrial Safety and Health Law -  
Inventory

**Components Not listed**  
Alcohols, C12-14-secondary, ethoxylated



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

### Solvent Degreaser

Version 1.0

Issue Date 01.10.2023

**Korea. KECI - Korean Existing Chemicals Inventory**

Natural Valencia additives  
kerosine (petroleum)

**Components Not listed**

Natural Valencia additives

**Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances**

**Components Not listed**

Natural Valencia additives

**China. IECSC - Inventory of Existing Chemical Substances in China**

**Components Not listed**

Natural Valencia additives

**Taiwan. Chemical Substances Inventory (TCSI)**

**Components Not listed**

Natural Valencia additives

**USA TSCA Inventory**

**Components Not listed**

Natural Valencia additives

## SECTION 16. Other information

### Full text of H-Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

Every reasonable endeavor has been made to prepare this Safety Data Sheet (SDS) in adherence to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS exclusively furnishes details concerning the health, safety, and environmental risks as of the date of issuance. Its purpose is to aid in the secure reception, utilization, and handling of this product in work environments and does not supplant any product specifications or information.

As Nyundo and its affiliated entities cannot foresee or control all circumstances in which this product may be managed, used, or received in workplaces, it is the responsibility of each user, recipient, or handler to assess this SDS within the particular context in which the product will be received, managed, or used. Users, handlers, or recipients must guarantee that appropriate safety measures are established for health and safety. This does not eliminate the necessity for conducting relevant risk assessments as needed.

Furthermore, it is the responsibility of the recipient, handler, or user to communicate this information to all pertinent parties involved in the reception, use, or handling of this product. While all reasonable efforts have been made to compile this SDS, Nyundo does not explicitly guarantee the accuracy of the information contained herein or assume liability for incomplete data or any advice provided.

The transfer of risk to the purchaser occurs in accordance with the specific terms and conditions of sale when this product is sold.

Issue Date 01.10.2023

10/10