

## MATERIAL SAFETY DATA SHEET

### SECTION 1: Identification of the Company and the Substance/Mixture

**Product Name:** Degreaser

**Product Description:** Yellow, transparent liquid.

**Identified Uses:** For use in domestic and professional cleaning.

**Company Identification:** Parrot Products (Pty) Ltd  
22 Cleveland Road, Cleveland, Johannesburg, RSA  
Tel: +27 (0)11 607 7627  
Emergency telephone number: 0106077600

### SECTION 2: Hazards Identification

#### GSH LABEL ELEMENTS

**Hazard pictogram**



**Signal word:** Danger

**Hazard statements:**

Physical hazards: Flammable Liquids – Category 2

Eye hazards: Eye irritant, **2 – H319**

**Hazard Statements:**

H319: Causes serious eye irritation

**Precautionary Statements:**

General:	Read carefully and follow all instructions Keep out of reach of children If medical advice is needed, have the container or label at hand
P305+P351+P338	If in eyes rinse cautiously for several minutes. Remove contact lenses if safe and easy to do so. Continue rinsing.
P337+ P313	If eye irritation persists. Seek medical advice/attention
P280	Wear eye protection.
P301+P313	If swallowed. Seek medical advice/attention
P102	Keep out of reach of children
P501	Dispose of contents/container according to local regulations

Other hazards: This substance does not contain any substances classified as PBT or vPvB. Including – Endocrine disrupting properties – none.

### SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Substance	IUPAC name	CAS No.	Percentage (m/m)
Water	Oxidane	7732-14-5	40-60
NANSA	Sodium Alkyl-Benzene Sulphonate	68439-57-6	30-60
SLES	Sodium Lauryl Ethyl Sulphate	68891-38-3	10-30
Isopropanol	Iso Propyl Alcohol	67-63-0	10-30
Caustic Soda	Sodium Hydroxide	1310-73-2	0-10
Colourant	-	-	0-5
Fragrance	-	-	0-5
Formalin	Formaldehyde	50-0-0	0-5

### SECTION 4: FIRST AID MEASURES

**Inhalation:** Seek medical advice. Remove the victim to fresh air and place in a comfortable position for breathing. If fumes are still present, wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If unconscious place in the recovery position. Maintain an open airway. Loosen tight clothing. Get medical attention immediately

**Skin Contact:** Seek medical advice. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing and shoes before reusing.

**Eye Contact:** Seek medical advice. Immediately flush the eyes with plenty of water, occasionally lifting the upper and lower eye lids. Check for and remove any contact lenses, if easy and safe to do so. Chemical burns must be treated promptly by a physician.

**Ingestion:** Seek medical advice. Wash the mouth out with water. Remove dentures if any. If material has been swallowed and The person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious place in the recovery position and get medical attention immediately. Maintain and open airway and loosen tight clothing.

### **Most Acute Symptoms/Effects, Acute and Delayed**

<b>Eye Contact:</b>	Can cause serious eye irritation
<b>Inhalation:</b>	Inhalation of fumes can cause depression of the Central Nervous System
<b>Skin Contact:</b>	Can cause skin irritation
<b>Ingestion:</b>	Do not ingest. If swallowed seek immediate medical attention

### **Over-Exposure Signs/Symptoms**

<b>Eye Contact:</b>	Pain or irritation, watering, redness.
<b>Inhalation of Fumes:</b>	Nausea, vomiting, headache, drowsiness, unconsciousness
<b>Skin Contact:</b>	Irritation, redness, dryness, cracking
<b>Ingestion:</b>	nausea, vomiting, diarrhea

### **Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary**

<b>Notes to Physician:</b>	Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.
<b>Specific Treatments:</b>	No specific treatments.
<b>Instructions to First Aiders:</b>	No action shall be taken involving any personal risk. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.

## **SECTION 5: FIREFIGHTING MEASURES**

### **Extinguishing Media**

<b>Suitable Extinguishing Media:</b>	Use dry chemical, CO <sub>2</sub> , water spray or foam
<b>Unsuitable Media:</b>	Do not use jet water.
<b>Specific Hazards:</b>	Highly flammable liquid and vapour. In a fire Containers may become pressurized from heat and burst. Vapours may accumulate in low or confined areas or spread along the ground to sources of ignition. Runoff to sewers may create a fire or explosion hazard.
<b>Hazardous Thermal Decomposition: Products</b>	Carbon dioxide, carbon monoxide
<b>Special Protective Actions:</b>	Promptly isolate the scene by removing all people from the vicinity. No action shall be taken involving personal risk or without suitable training. Move containers if this can be done without risk. Use water spray to cool fire exposed containers.
<b>Special Protective Equipment for Fire-Fighters:</b>	Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in the positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

<b>For Non-Emergency Personnel:</b>	No action shall be taken involving personal risk and without training. Evacuate the surrounding areas. Keep unnecessary and unprotected people from entering. Do not touch or walk through spilled material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate protective equipment. Shut off all ignition sources.
<b>For Emergency Responders:</b>	Wear appropriate protective equipment and SCBA.
<b>Environmental Precautions:</b>	Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains, or sewers. Inform the relevant authorities if the product has Caused environmental damage.

### Methods and Materials for Containment and Cleaning Up

<b>Small Spill:</b>	Contain spill and remove containers from the area. Dilute with water and mop up if water soluble. If water insoluble, absorb with an inert dry material and place in an appropriate waste container. Dispose of via licensed waste disposal contractor. Use spark proof tools
<b>Large Spill:</b>	Stop spill if without risk. Move containers from spill area. Approach the spill release from up-wind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth. Collect up material in suitable container and dispose of via a licensed waste disposal contractor. Use spark proof tools

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

<b>Protective measures:</b>	Wear appropriate personal protective equipment. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material represents a respiratory hazard, make sure there is adequate ventilation or wear appropriate respiratory protection. Keep in the original container or an approved container made of compatible material, kept tightly closed when not in use. Do not reuse containers, they may
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**Advice on General Occupational**

retain product residue.

Eating, drinking, and smoking are prohibited in areas where this material is handled, stored, and processed. Workers should wash their hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective garments before entering eating areas.

**Conditions for Safe Storage**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a cool, dry, well-ventilated area, away from incompatible materials. Store in a secure area. Keep the container tightly closed and sealed until ready for use. Containers that have been opened must be Carefully resealed and kept upright to prevent Leakage. Do not store in unlabeled Containers. Use appropriate containment to avoid environmental contamination. Store away from sources of ignition.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Control Parameters**

**Occupational Exposure Limits**

Ingredient Name	Exposure Limit
Isopropyl Alcohol	OSHA PEL (USA) TWA: 980 mg/m <sup>3</sup> 8 hours TWA: 400 ppm 8 hours NIOSH REL (USA) STEL 1225 mg/m <sup>3</sup> 15 mins STEL 500 ppm 15 minutes

**Appropriate engineering controls:**

If user operations generate dust, fumes, vapour, or mist, and use process enclosures, local exhaust ventilation or other environmental controls

**Environmental exposure controls:**

Emissions from ventilation or work process equipment should be checked to ensure that they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary.

**Individual protection measures:**

**Respiratory:**

Based on the hazard and potential for exposure, a suitable respirator that meets the

<b>Hand Protection:</b>	standard or certification. Respirators must be used according to respiratory protection program to ensure proper fitting, training and other aspects of use. Wear chemical-resistant gloves when handling chemical products if a risk assessment indicates this is necessary. Check during use that gloves retain their properties.
<b>Eye/face Protection:</b>	Wear safety eye wear that complies with an approved standard. If a risk assessment indicates a higher degree of protection is required, wear splash goggles.
<b>Skin and Body Protection:</b>	Wear suitable personal protective clothing.
<b>Hygiene Measures:</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking or using the bathroom. Wash contaminated clothing before reusing. Ensure eye-wash stations and safety Showers are close to the working location.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear transparent liquid
Colour:	Yellow-orange
Odour:	Citrus
Solubility:	Fully soluble in water
pH concentrate:	9.61
Melting point:	No information available
Boiling point:	No information available
Flash Point:	35
Relative density (20°C):	1.002
Lower and Upper Explosive Limits:	No information available
Vapor pressure:	Not applicable
Vapor density (Air +1)	No information available
Evaporation rate:	No information available
Partition coefficient: no-ctanol/water:	No information available
Auto-ignition temperature:	No information available
Decomposition temperature:	No information available
Odour threshold:	No information available
Viscosity:	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	No specific data available for this product
<b>Stability:</b>	Product is considered to be stable
<b>Conditions to avoid:</b>	Avoid all sources of ignition. Do not pressurize, cut, weld, solder, drill, grind, or

expose containers to sources of ignition

**Incompatible materials:**  
**Anticipated hazardous decomposition products:**

Oxidising materials  
None known under normal conditions of storage

## SECTION 11: TOXICOLOGICAL INFORMATION

**Information on toxicological effects:**

No animal testing has been carried out for this product. Classifications that have been carried out using ATE figures (Acute Toxicity Estimate) calculation method using LD<sub>50</sub> or ATE figures provided by the raw material supplier.

**Acute toxicity:**

Based on available data, the classification criteria are not met.

**Acute toxicity estimates**

Isopropyl Alcohol

Oral	Dermal	Inhalation (gases)	Inhalation (vapours)	Inhalation (dusts & mists)
LD50 Rat 5000 mg/kg	Rabbit 12800 mg/kg	NA	NA	NA

**Irritation/Corrosion**

**Skin:**

Can be a skin irritant

**Eyes:**

Can cause eye damage

**Respiratory:**

Non-irritating to the respiratory system

**Sensitization:**

**Skin:**

No information available

**Reproductive cell mutagenicity:**

No information available

**Carcinogenicity:**

No information available

**Reproductive toxicity:**

No information available

**Specific target organ toxicity: (single exposure)**

No information available

**Specific target organ toxicity: (repeat exposure)**

No information available

**Aspiration hazard:**

Not considered to be a hazard

**Potential Acute Health Effects:**

**Eye contact:** Can cause serious eye damage  
**Inhalation:** Can cause central nervous system depression  
**Skin contact:** May cause skin irritation  
**Ingestion:** Do not ingest. If swallowed seek immediate medical attention.

**Symptoms related to physical, chemical and toxicological characteristics**

**Short term exposure**

**Potential immediate effects:** No information available  
**Potential delayed effects:** No information available

**Long term exposure**

**Potential immediate effects:** No information available  
**Potential delayed effects:** No information available

**SECTION 12: ECOLOGICAL INFORMATION**

**Eco-Toxicity:** For Isopropyl Alcohol  
 Acute LC 50 1400000 to 1950000 ug/l for marine water (Crustaceans -Crangon-crangon)  
 Acute LC50 4200 mg/l for fresh water (Fish- Rasbora heteromorpha)  
**Persistence/degradability:** No information available  
**Bioaccumulative potential:** Low (Log P<sub>ow</sub> for isopropyl alcohol:0.5)  
**Mobility in soil:** No information available  
**Other adverse effects:** The substances in this mixture are neither a PBT or a vPvB.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal method.** Dispose of in compliance with regulatory requirements and should not be discharged into the environment or sewer system  
**Container disposal method:** Dispose in compliance with regulatory requirements. Recycle where appropriate.

**SECTION 14: TRANSPORT INFORMATION**

	DOT Classification	IMDG	IATA
UN Number	UN 219	UN 219	UN 219
UN Proper shipping name	Isopropyl Alcohol	Isopropyl Alcohol	Isopropyl Alcohol
Transport Hazard	3	3	3

	Flammable	Flammable	Flammable
Environmental hazards	No	No	No
Additional information	Limited quantity	Limited quantity	Limited quantity

Always transport in closed containers that are secure and upright. Always ensure people Transporting the product know what to do in the event of an accident or spillage.

## SECTION 15: REGULATORY INFORMATION

This product does not require a hazard warning label in accordance with the EU Directive on dangerous substances. It is not subject to regulations on flammable substances.

## SECTION 16: OTHER INFORMATION

Abbreviations and Acronyms: PBT- Persistent, Bio accumulative Toxic substance.  
VpVB – Very persistent and very bio accumulative

This product is intended for use as cleaning preparation.

The information contained in this Safety Data Sheet is based on the prevailing knowledge and information at the time of its publication. Information is given as guidance for handling, use, processing, storage, transportation, disposal, and release, and is not to be considered a warranty or quality specification. The information relates to the specific materials designated and is not valid for this material when mixed with any other materials or in any process, unless specified in the text.