

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Grease Treat 100

Manufacturer and Supplier: CHEM CLEAN LTD

Address: #58-60 Century Drive
Trincity Industrial Estate
Macoya
Trinidad and Tobago

EMERGENCY TELEPHONE NUMBER (868) 223 2436

Recommended use: Industrial Degreaser

Restriction on use: For industrial use only. For specific intended use guidance, please refer to the information provided on the package or Product Data Sheet.

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquids Category 3

Eye irritation: Category 2A

Skin irritant: Category 2

GHS Label element

Hazard pictograms:



Signal Word: Danger

Hazard Statements: H226 Flammable liquid and vapour

H319 Causes serious eye irritation
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H332 Harmful if inhaled

Precautionary Statements:

P102: Keep out of reach of children.
P103: Read label before use.

Prevention Precautionary Statements:

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 only non-sparking tools.
P261 Avoid breathing fumes, mist and vapour
P264 Wash hands thoroughly after handling
P271 Use only outdoors or in a well ventilated area.
P280 Wear protective gloves, clothing and eye protection

Response Precautionary Statements:

P301 + P331+ P310 – IF SWALLOWED: DO NOT induce vomiting. Immediately call a doctor.

P302+ P352 – IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

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

Storage Precautionary Statements:

P404: Store in a closed container.

P403+233: Store in a well ventilated place. Keep container tightly closed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	CHEMICAL NAME	% CONCENTRATION
6742-95-6	Aromatic Solvent	40 - 45
61790-12-3	Tall Oil Fatty Acid	5 - 10
27176-87-0	Linear Alkyl Benzene Sulphonic Acid	5 - 10
111-76-2	Butyl Cellosolve	5 - 10

Any concentration shown as a range is to protect confidentiality.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

General Advice	<ul style="list-style-type: none"> ◆ In the case of accident or if you feel unwell, seek medical advice immediately. ◆ Show this Safety Data Sheet to the Doctor in attendance.
Skin Contact	<ul style="list-style-type: none"> ◆ Immediately flush skin with plenty of cool running water for at least 15 minutes. ◆ Immediately remove contaminated clothing. ◆ Wash contaminated clothing before reuse. ◆ Immediate medical attention is required if irritation persists or burns develop.
Eye Contact	<ul style="list-style-type: none"> ◆ Rinse cautiously with water for several minutes. ◆ Remove contact lens (if worn) and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. ◆ Immediate medical attention is required if symptoms persist.
Inhalation	<ul style="list-style-type: none"> ◆ If breathing is difficult, move victim to fresh air and keep at rest in a position comfortable for breathing. ◆ If not breathing, give artificial respiration. ◆ Medical attention is required if symptoms persist.
Ingestion	<ul style="list-style-type: none"> ◆ If swallowed, rinse mouth thoroughly. ◆ DO NOT induce vomiting ◆ Immediate medical attention is required if symptoms persist.

5. FIRE-FIGHTING MEASURES

Flash Point	<ul style="list-style-type: none"> ◆ N/A
Suitable Extinguishing Media	<ul style="list-style-type: none"> ◆ Water – spray ◆ Powder Extinguishers ◆ Foam type extinguishers ◆ As appropriate for surrounding fire – product will

	not burn
Extinguishing media which must not be used for safety reasons	◆ N/A
Specific Hazards	<ul style="list-style-type: none"> ◆ Cool exposed containers with water spray to prevent pressure build-up ◆ Must wear NIOSH approved self-contained breathing apparatus and protective clothing
Special exposure hazards arising from the substance, or preparation itself, its combustion products or released gases	
Special Protective Equipment for fire-fighters	<ul style="list-style-type: none"> ◆ As in any fire, wear NIOSH approved self-contained breathing apparatus and full protective gear ◆ Avoid exposure to mists and splashes
Specific Methods	<ul style="list-style-type: none"> ◆ Cool containers / Tanks with water spray ◆ Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	<ul style="list-style-type: none"> ◆ Ensure adequate ventilation. ◆ Do not get in eyes or skin. Do not swallow. ◆ Use personal protective equipment. ◆ Wash thoroughly after handling. ◆ Do not inhale fumes/vapours/mist/sprays. ◆ Keep away from heat and ignition
Environmental Precautions	<ul style="list-style-type: none"> ◆ Discharge in accordance with Government Regulations. ◆ Do not discharge into lakes, stream, ponds or public water.
Methods for cleaning up	<ul style="list-style-type: none"> ◆ Small spills: Wash down with large quantities of water in sanitary sewer ◆ Large spills: Dike to prevent runoff. Reclaim as much as possible. Absorb remainder with inert material (sand or vermiculite) and place in compatible container for disposal. Flush residue with large amounts of water. Avoid sparks and spark generation. ◆ Cleaning up personnel should wear appropriate protective equipment.

7. HANDLING AND STORAGE

Handling

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Avoid contact with eyes, skin and clothing ◆ Keep away from heat and ignition ◆ Do not inhale mist, do not get in eyes, do not swallow ◆ KEEP OUT OF REACH OF CHILDREN
Safe Handling Advice	<ul style="list-style-type: none"> ◆ Wash hands immediately after contact to avoid hand-eye transfer

Storage

Technical Measures/Precautions	<ul style="list-style-type: none"> ◆ Keep containers tightly closed in a cool, dry area ◆ Keep container closed when not in use ◆ Store only in original properly labeled container ◆ Do not reuse empty containers – they may contain residues
Incompatible Products	<ul style="list-style-type: none"> ◆ None determined

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<u>Engineering Measures</u>	<ul style="list-style-type: none"> ◆ The use of local exhaust ventilation is recommended
<u>Personal Protective Equipment</u>	
Hand Protection	<ul style="list-style-type: none"> ◆ Rubber gloves
Eye Protection	<ul style="list-style-type: none"> ◆ Tightly fitting chemical splash goggles recommended ◆ Safety eyebath nearby
Respiratory Protection	<ul style="list-style-type: none"> ◆ None normally required
Skin and Body Protection	<ul style="list-style-type: none"> ◆ A source of water for rinsing of skin should be available
Hygiene Measures	<ul style="list-style-type: none"> ◆ Regular cleaning of equipment, work area and clothing ◆ For environmental protection, remove and wash all contaminated protective equipment before re-use ◆ Do not wear clothing wet with product
<u>Environmental Exposure Controls</u>	<ul style="list-style-type: none"> ◆ Do not inhale mist, do not get into eyes or on skin, do not swallow

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State	Liquid
Color	Amber
Odor	Solvent Odor

Important Health Safety and Environmental Information

Molecular Wt.	N/A
pH (100% solution)	12.0 – 13.0
Boiling pt	N/A
Specific gravity (@ 15°C)	0.965 – 0.985
Viscosity (CSTS)	Not specified
Solubility in water	100%
Vapor Pressure	N/A
Vapor Density (AIR=1)	N/A
Evaporation Rate (WATER:1)	N/A
Freezing Point	N/A
Volatile Organic Compounds (Total VOC's)	N/A

10. STABILITY AND REACTIVITY

Stability	<ul style="list-style-type: none"> ◆ Stable under normal conditions
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Conditions to avoid	<ul style="list-style-type: none"> ◆ Excessive Heat ◆ Open Flames ◆ Sources of ignition
Materials to avoid	<ul style="list-style-type: none"> ◆ None determined
Hazardous Decomposition Products	<ul style="list-style-type: none"> ◆ Incomplete combustion can cause fumes, smoke and carbon monoxide
Polymerization	<ul style="list-style-type: none"> ◆ Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Component Information

Product Information

LD50/oral/rat	
<u>Local effects</u>	
Skin irritation	<ul style="list-style-type: none"> ◆ Aromatic Solvent causes de-fatting of skin
Eye irritation	<ul style="list-style-type: none"> ◆ May cause irritation
Sensitization	<ul style="list-style-type: none"> ◆ Skin sensitizer
<u>Specific effects</u>	<ul style="list-style-type: none"> ◆ Can cause severe irritation; nausea, vomiting, diarrhea and dizziness if ingested ◆ Inhalation of vapors and mists may cause irritation of nose and throat; possible nausea, dizziness
Carcinogenic Effects	<ul style="list-style-type: none"> ◆ None
Mutagenic Effects	<ul style="list-style-type: none"> ◆ Not determined
Reproductive toxicity	<ul style="list-style-type: none"> ◆ Not determined
Target Organ Effects	<ul style="list-style-type: none"> ◆ Preexisting respiratory disorder

12. ECOLOGICAL INFORMATION

Product information

Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations.

Other Information

13. DISPOSAL CONSIDERATIONS

Waste from residues/Unused products	Do not discharge into lakes, streams, ponds or public waterways unless in accordance with Government Regulations. Consult the Environmental Protection Agency before disposing of any chemicals. Refer to the Environmental Management Authority (EMA) for complete waste disposal regulations
Contaminated Packaging	Empty containers should be taken for recycling, recovery or waste disposal
Further Information	

14. TRANSPORT INFORMATION

Domestic (Land, D.O.T.)

UN Number: 1268
 UN Proper Shipping Name: PETROLEUM PRODUCTS, N.O.S
 Hazard label: 3
 Packing Group: III

International (IMDG, I.M.O.)

UN Number: 1268
 UN Proper Shipping Name: PETROLEUM PRODUCTS, N.O.S
 Transport Hazard Class: 3
 Packing Group: III
 Marine pollutant: No
 Limited Quantities: 5L
 Packing Instructions: P001
 IBC Instructions: IBC03
 EmS: F-E, S-E



Air transport (IATA)

UN Number: 1268
 Hazard label: 3
 Packaging Group: III

15. REGULATORY INFORMATION

This material is classified as hazardous in accordance with OSHA 29 CFR 1910-1200.

16. OTHER INFORMATION

Literary Reference	Industrial Product
Other	The information in the Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, we assume no liability resulting from use of SDS information.