Material Safety Data Sheet

Suniso T32

COMPANY DETAILS

Company Name	**GORDON BROTHERS INDUSTRIES PTY LTD**
Address	21 Michael Street Brunswick 3056 Victoria Australia
Telephone	1 800 659 934

IDENTIFICATION

Product Name	Suniso T32
Chemical Name	Synthetic hydrocarbon, additives
CAS Register No.	Industrial Secrets

COMPOSITION / INFORMATION ON INGREDIENTS

Synthetic hydrocarbon	..... More than 99 (wt%)
Additives	..... Less than 1 (wt%)

HAZARD IDENTIFICATION – PRIMARY ENTRY ROUTES

Inhalation	No data
Skin	Prolonged and/or repeated contact may cause skin irritation and inflammation
Eye	Contact with eye may cause irritation and redness
Ingestion	Ingestion may result in nausea and/or diarrhea. Acute toxicity – LD50 > 5g/kg
Carcinogenicity	No data
Medical conditions aggravated by exposure	Personnel with pre-existing skin disorders should avoid contact with this product.

FIRST AID MEASURES

Inhalation	Move to fresh air. Keep victim warm by covering with a blanket

	and in quiet. Assist breathing if necessary. Contact a physician.
Skin	Wash with soap and water. Wash clothing before reuse. If irritation or rash develops, obtain medical assistance.
Eye	Flush with large amounts of water for at least 15 minutes. If redness or irritation persists, contact a physician.
Ingestion	Do not induce vomiting! Call a physician.

FIRE FIGHTING MEASURES

Specific Hazard	**Flamable limits in air**		
	Lower explosive limit (LEL)	N/D	% vol
	Upper explosive limit (UEL)	N/D	% vol
Flash point	>200℃ (COC)		
Autoignition temp	N/D		
NFPA Classification	Health	–	1
	Fire	–	1
	Reactivity	–	0
Hazard Rating	0 – least		
	1 – slight		
	2 – moderate		
	3 – high		
	4 - extreme		
Fire & explosion hazards	Can be made to burn		
Extinguishing media	Halon dry chemical, CO_2, foam, water mist or fog		
Special fire fight instructions	Wear self-contained breathing apparatus. Do not use forced stream as this could cause fire to spread.		

ACCIDENTAL RELEASE MEASURES

Spill/leak procedures	Stop spill at source if possible without risk. Contain spill. Eliminate sources of ignition. Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill

HANDLING & STORAGE

Handling & storage	Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapor. Wash thoroughly after handling.
Work/hygienic practices	Wash hand with soap and water before eating, drinking, smoking or use of toilet facilities. Do not use gasoline, solvent,

kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	No data
Engineering controls	Use adequate ventilation to keep oil mists of this material below applicable standard(s).
Eye/face protection	Safety glasses or splash goggles. Have suitable eye wash water available.
Skin protection	Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are polyvinyl chloride, neoprene, nitrite, polyvinyl alcohol, viton
Respiratory protection	Normally not required if adequate ventilation
Other/general protection	If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear oil soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes.

PHYSICAL & CHEMICAL PROPERTIES

Boiling point	Wide range	**PH Information**	N/A
Melting point	N/A	**% Volaties by vol**	Negligible
Specific gravity	0.95	**Evaporation rate**	Negligible
Packing density	N/A	**Octaonl/water coeff**	N/D
Vapor pressure	<0.03 ([Pa] at 25℃)	**Appearance**	Clear liquid
Vapor density	>10 (AIR=1)	**Odour**	Slight odour
Solubility in water	Insoluble	**Odour threshold**	N/D

STABILITY & REACTIVITY

Stability	Stable
Conditions to avoid (stability)	Sources of ignition.
Incompatible materials	Strong oxidizing agents such as chromic acid, hydrogen peroxide and bromine.
Hazardous decomposition products	Upon combustion, CO_2 and CO are generated

Suniso T32

Hazardous polymerization Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Acute studies	Tests on similar materials show a low order of acute oral and dermal toxicity.
Eye effects	Minimal irritation on contact
Skin effects	Practically non-toxic if absorbed. May cause mild irritation with prolonged and repeated contact.
Acute oral effects	Tests on similar materials indicate low order of acute oral toxicity.
Acute inhalation effects	Low acute toxicity expected on inhalation.

ECOLOGICAL INFORMATION

Aquatic release	Advise authorities if product has entered or may enter watercourses or sewer drains.

DISPOSAL CONSIDERATIONS

Spill, leak or release	Stop leak, dike up large spills. Use inert absorbent material such as earth, sand, or vermiculite for clean up.
Water disposal method	Dispose of in accordance with local, State and Federal government regulations.

TRANSPORT INFORMATION

Proper shipping name	Not regulated by DOT
Hazard class	Not determined
DOT ID no.	Not applicable
DOT shipping label	Not regulated by DOT
Usual shipping containers	Rail cars, tank truck, drums
Transport temp	Ambient to max 60℃

Material Safety Data Sheet

Suniso T32

REGULATORY INFORMATION **(US FEDERAL)**

SARA 302 extremely hazardous substance	No
SARA 311 categories	
Immediate (acute health effects	No
Delayed (chronic) health effects	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactivity hazard	No
Comprehensive enviro. Response, compensation and liability (CERCLA)	No chemicals in this product are subject to the reporting requirements of CERCLA

Material Safety Data Sheet

Suniso T32

OTHER INFORMATION

The information contained herein is based upon data believed to be reliable and reflects our best profession judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein and assume no responsibility regarding the suitability of this information for the user's intended purpose or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).

CONTACT POINT

Contact	**GORDON BROTHERS INDUSTRIES PTY LTD** **Tel: 1 800 659 934** PLEASE NOTE that although every care has been taken in compiling the above information, it is solely reliant upon data available to us at the date hereof. We believe the data to be correct, however for the reason just stated we are not in a position to warrant its accuracy. With that in mind and given that the full range of possibilities and conditions under which the information may be applied simply cannot be anticipated, YOU ARE CAUTIONED to make your own determinations as to the veracity and the suitability of the information to the particular circumstances that apply, or may apply, to you from time to time. Consistent with that approach it is recommended that where you have a particular purpose which would necessitate a reliance on information of the nature herein you obtain your own independent expert advice particularly structured to the relevant purpose. If this material is printed, circulated, distributed or copied in any manner, it is not to be modified without prior written permission, and further, it is to include the wording of the above disclaimer.