

# INHIBITOR F96

## SAFETY DATA SHEET

MSDS No:		<b>QUICK SMART PRODUCTS</b>
Product Name:	INHIBITOR F96	<b>53 ASSEMBLY DRIVE</b>
Manufacturers Code:	INH500, INH1, INH5, INH20, INH205	<b>TULLAMARINE VIC 3043</b>
Date:	September 2020	ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: <a href="mailto:gsmart@bigpond.net.au">gsmart@bigpond.net.au</a> Web: <a href="http://www.quicksmartproducts.com.au">www.quicksmartproducts.com.au</a>

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	INHIBITOR F96
<b>Company Name:</b>	QUICK SMART PRODUCTS
<b>Address:</b>	53 Assembly Drive Tullamarine Vic 3043
<b>Telephone/Fax:</b>	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03) 9335 2598
<b>Recommended Use:</b>	Automotive Engine Cooling System Treatment

### 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	This product is classified as hazardous.
<b>Dangerous Goods Classification</b>	Classified as Non-Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
<b>GHS Classification(s)</b>	Serious Eye Damage/Irritation: Category 2A Skin Corrosion/Irritation: Category 2

#### GHS Label Elements

**Signal Word** WARNING

**Symbol(s)**



<b>Hazard Statements</b>	H302 Harmful if swallowed.
	H315: Causes skin irritation.
	H319: Causes serious eye irritation.

#### Precautionary Statements

<b>General</b>	P101: If medical advice is needed, have product container or label at hand.
	P102: Keep out of reach of children.
	P103: Read label before use.
<b>Prevention</b>	P264: Wash thoroughly after handling.
<b>Response</b>	P301+P310: IF SWALLOWED: Immediately call a Poison Centre or doctor/physician.
	P302+352: IF ON SKIN: Wash with plenty of soap and water.
	P332+313: If skin irritation occurs: Get medical advice.
	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
	P337+313: If eye irritation persists get medical advice/attention.
<b>Storage</b>	P405: Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local, regional, national and international regulations.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	Name	Proportion	CAS	UN No
	Corrosion Inhibitors	High	Proprietary	-
	Water	High	7732-18-5	-
	Triethanolamine	Med	102-71-6	-

Proportion (% weight per weight)  
VHigh >60, High 30 – 60, Med 10 – 29, Low 1 – 9, VLow <1

### 4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

<b>Inhalation:</b>	Remove the source of contamination and move the affected person to fresh air. Allow patient to assume most comfortable position, keep warm and arrange for patient to be seen by a doctor as soon as possible. If the victim is not breathing, apply artificial resuscitation. In serious cases of over-exposure, seek immediate medical attention.
<b>Ingestion:</b>	Contact a Doctor or Poisons Information Centre. DO NOT induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. If breathing is shallow or stopped, ensure airway is clear and apply artificial resuscitation. Seek immediate medical attention.
<b>Eye:</b>	Hold eyelid open and flush with copious amounts of water for at least 15 minutes or until all contaminants are washed out completely. In all cases of eye contamination seek medical advice.
<b>Skin:</b>	Immediately remove all contaminated clothing and footwear and wash affected areas thoroughly with copious amounts of soap and water. Launder contaminated clothing before re-use. If irritation develops seek medical attention.
<b>First Aid Facilities:</b>	Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
<b>Advice to Doctor:</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Fire Fighting Measures:</b>	Decomposes on heating emitting toxic fumes including those of oxides of nitrogen.
<b>Suitable Extinguishing Media:</b>	Water fog, (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).
<b>Protective Equipment for Fire Fighters:</b>	Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing if risk of exposure to products of decomposition.
<b>Specific Methods:</b>	This product is not flammable under the conditions of storage and use and does not support combustion.
<b>Specific Hazards:</b>	Decomposes on heating emitting toxic fumes including those of oxides of nitrogen. Store away from sources of heat, acids and oxidising agents.

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### 6. ACCIDENTAL RELEASE MEASURES:

- Spills:** Spillages are slippery. Avoid accidents, clean up immediately. Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain and collect using an absorbent material (sand or soil, inert material, vermiculite). Prevent run off into drains and waterways. Collect and seal in properly labelled containers for disposal. Rinse the area clean with detergent and water.
- Disposal:** Dispose of in accordance to Federal, EPA, State and Local Regulations. Disposal into sewer system is not permitted.

### 7. HANDLING AND STORAGE

Not regulated for the purpose of storage and handling, in accordance with the requirements of AS1940. Refer to State Regulations for storage and transport requirements.

- Handling:** Repeated or prolonged exposure to the material without personal protection should be avoided in order to lessen the possibility of disorders. Maintain good standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or using the toilet facilities. Keep container closed when not in use.
- Storage:** This material is classified as a Scheduled Poison (S5) and must be stored, maintained and used in accordance with the relevant regulations. Store in a clean, dry place out of direct sunlight. Store away from acids, oxidising agents and foodstuffs. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Occupational Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However Exposure Standard for Triethanolamine:
- |                 | TWA |                   | STEL |                   | NOTICE |
|-----------------|-----|-------------------|------|-------------------|--------|
|                 | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> | Sen    |
| Triethanolamine | -   | 5                 | -    | -                 |        |
- These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. Notice – Sen = Sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.
- Personal Protective Equipment:** Overalls, Safety Shoes, Goggles, Gloves, Respirator. Avoid skin and eye contact. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour respirator meeting the requirements of AS1715 and AS1716.
- Engineering Controls:** Use with local exhaust ventilation or while wearing organic vapour respirator. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Green liquid
<b>Odour:</b>	Mild odour
<b>pH:</b>	8.7 for diluted products at 3% vol
<b>Ignition Temp °C:</b>	Not Applicable
<b>Flash Point °C:</b>	Not Applicable
<b>Flammable Limits % (Lower-Upper):</b>	Not Applicable
<b>Boiling Point/Range:</b>	Not Determined
<b>Melting Point/Range</b>	Not Determined
<b>Pour Point:</b>	Not Determined
<b>Relative Density @ °C:</b>	1.5 @ 20.0
<b>Vapour Pressure kPa:</b>	Not Determined
<b>Viscosity:</b>	Not Determined
<b>% VOC:</b>	Nil
<b>Vapour Density (Air=1):</b>	Not Determined
<b>Solubility in Water:</b>	Complete
<b>Other:</b>	Not Evaluated
<b>Viscosity @ 20C</b>	25cP

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid:</b>	Avoid sources of ignition, heat, direct sunlight.
<b>Materials to Avoid:</b>	Acids and oxidising agents.
<b>Hazardous Decomposition Products:</b>	Products evolved when subjected to heat or combustion: oxides of carbon, nitrogen and sulphur.
<b>Hazardous Polymerisations:</b>	Do not occur.
<b>Hazardous Reaction:</b>	Decomposes on heating emitting toxic fumes including those of oxides of nitrogen. Store away from sources of heat, acids and oxidising agents.

### 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information:</b>	No LD50 data available for product. However for Triethanolamine:  Acute Oral LD50 (rat): 4190mg/kg to 11260mg/kg Triethanolamine is present as a medium level component (approx 18% v/v).
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**Health Comments:** Repeated over exposure may cause damage to kidneys and liver. Skin contact may aggravate existing dermatitis. Skin contact may cause sensitisation and an allergic skin reaction in a small number of individuals.

### Acute Effects:

- Inhalation:** Not normally a hazard due to non-volatile nature of product but vapour or mist from heated product may cause irritation of the respiratory tract with chest pain and coughing.
- Ingestion:** May cause burning or painful sensations in the mouth, throat, chest and abdomen and nausea, vomiting, diarrhoea and abdominal pain.
- Skin:** The liquid is irritating to the skin and is capable of causing skin reactions which may lead to dermatitis for repeated exposures over long period.
- Eye:** Highly irritating to the eyes.

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity:** No ecological data is available for this product.  
For Triethanolamine:  
Toxicity to Fish: 25 Hr LD50 (goldfish) > 5000mg/L  
24 Hr EC50 (daphnia magna) 1390mg/L  
Low toxicity to aquatic organisms
- Persistence / Degradability:** Not Determined.
- Mobility:** Not Determined.
- Bioaccumulative Potential:** Not Determined.
- Environmental Protection:** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

- Disposal Considerations:** Product should be placed in sealed, properly labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

- Transport Information:** Not defined as a Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). Refer to relevant regulations for storage and transport requirements.

## 15. REGULATORY INFORMATION

- Poisons Schedule:** S5 – This material is a Scheduled Poison and must be stored, maintained and used in accordance with the relevant regulations.
- AICS (Australia):** All ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

## 16. OTHER INFORMATION

- Contact Person/Point:** Technical Information: (03) 9338 6655

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**Date of Preparation or last revision of SDS:** SDS reviewed: 3 September 2020

*This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

END OF SDS