

according to the Global Harmonized System

SDS #: 35534 STATERMIC NR

Issuing date: 2015-07-29

Date of the previous version: not applicable **Revision Date:** 2018-07-24 **Version** 1

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product identifier

Product name STATERMIC NR

Other means of identification

Number HNM Substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Identified uses Lubricating grease.

Details of the supplier of the safety data sheet

Supplier TOTAL OIL ASIA PACIFIC PTE LTD

331 North Bridge Road #23-01 Odeon Towers Singapore 188720 Tel: +65 6879 2200 Fax: +65 6879 2203

Importer Oil Intel Limited

56 Whakatu Road, Whakatu

Hastings 4172 NEW ZEALAND

Phone: +64 (06) 871 53 25 Fax: +64 (06) 870 48 90

For further information, please contact:

Contact Point HSE

E-mail Address ms.ap-sds@total.com

Emergency telephone

New Zealand Poisons Information Centre: 0800 764 766

New Zealand: +64 9801 0034

International: CHEMTREC +1 703 527 3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)



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GHS Label elements, including precautionary statements

Symbol(s)

Signal Word None

Hazard Statements

None

Other hazards which do not result in classification

Contaminated surfaces will be extremely slippery Should not be released into the environment

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Mixture</u>

Chemical nature Contains, Perfluorinated polyethers, polytetrafluoroethylene (PTFE)

4. FIRST AID MEASURES

Description of necessary first-aid measures

General advice IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR

EMERGENCY MEDICAL CARE.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

Skin contact Remove contaminated clothing and shoes. Wash skin with soap and water. Wash

contaminated clothing before reuse. High pressure jets may cause skin damage. Take

victim immediately to hospital.

Inhalation Move to fresh air.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a

physician or Poison Control Center immediately.

Most important symptoms/effects, acute and delayed



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Skin contactNot classified. High pressure injection of the products under the skin may have very serious

consequences even though no symptom or injury may be apparent.

Eye contact Not classified.

Inhalation Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory

system.

Ingestion Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and

diarrhea.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Suitable Extinguishing Media Carbon dioxide (CO 2). ABC powder. Foam. Water sprayor fog.

Unsuitable Extinguishing MediaDo not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Special Hazard Incomplete combustion and thermolysis may produce gases of varying toxicity such as

carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Thermal decomposition can lead to release of toxic and corrosive gases/vapors: Hydrogen fluoride.

Advice for fire-fighters

Special protective equipment for

fire-fighters

Wear self-contained breathing apparatus and protective suit.

<u>Other information</u> 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, protective equipment and emergency procedures

General Information Do not touch or walk through spilled material. Contaminated surfaces will be extremely

slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all

sources of ignition.

Environmental precautions



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General Information Do not allow material to contaminate ground water system. Try to prevent the material from

entering drains or water courses. Local authorities should be advised if significant spillages

cannot be contained.

Methods and materials for containment and cleaning up

Methods for cleaning up Dam up. Contain spillage, and then collect with non-combustible absorbent material, (e.g.

sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Collect free product with suitable mechanical

means. Keep in suitable, closed containers for disposal.

Other information

Personal Protective Equipment See Section 8 for more detail.

Waste treatment See section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling When using, do not eat, drink or smoke. For personal protection see section 8. Use only in

well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin, eyes

and clothing.

Prevention of fire and explosion Take precautionary measures against static discharges Ground/bond containers, tanks

and transfer/receiving equipment

Hygiene measures Ensure the application of strict rules of hygiene by the personnel exposed to the risk of

contact with the product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do

not use abrasives, solvents or fuels. Do not dry hands with rags that have been

contaminated with product. Do not put product contaminated rags into workwear pockets.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep away from food, drink and animal feedingstuffs. Keep in a bunded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Protect from frost, heat and sunlight. Protect from moisture.

Materials to Avoid Oxidizing agents, powdered metal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



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Control parameters

Exposure limits Contains no substances with occupational exposure limit values

Appropriate engineering controls

Engineering Measures Apply technical measures to comply with the occupational exposure limits. When working in

confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for

breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment (PPE)

Personal Protective Equipment

General Information If the product is used in mixtures, it is recommended that you contact the appropriate

protective equipment suppliers. These recommendations apply to the product as supplied.

Respiratory protectionNone under normal use conditions. In case of vapours and aerosol formation:. The use of

breathing apparatus must comply strictly with the manufacturer's instructions and the

regulations governing their choices and uses.

Eye Protection If splashes are likely to occur, wear:. Safety glasses with side-shields.

Skin and body protection Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing.

Hand Protection Hydrocarbon-proof gloves. Nitrile rubber. Fluorinated rubber. Please observe the

instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which

the product is used, such as the danger of cuts, abrasion, and the contact time.

Hygiene measuresEnsure the application of strict rules of hygiene by the personnel exposed to the risk of

contact with the product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do

not use abrasives, solvents or fuels. Do not dry hands with rags that have been

contaminated with product. Do not put product contaminated rags into workwear pockets.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information



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Color white Physical State @20°C solid

Odor Odorless

Important health safety and environmental information

Property Values Remarks Method pН Not applicable Not applicable Boiling point/boiling range

Flash point > 300 °C > 572 °F

Evaporation rate No information available Flammability Limits in Air No information available

No information available **Vapor Pressure** Vapor density No information available

Density ~ 1900 kg/m³ @ 20 °C Water solubility Insoluble

No information available Solubility in other solvents logPow No information available

Autoignition temperature Not applicable

Viscosity, kinematic No information available

Explosive properties Not explosive Not applicable **Oxidizing Properties** Possibility of hazardous reactions Not applicable

Other information

No information available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to Avoid Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

Materials to Avoid Oxidizing agents, powdered metal.



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Hazardous Decomposition Products None under normal use. Incomplete combustion and thermolysis may produce gases of

varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes

and soot, Carbonyl fluoride, Hydrogen fluoride.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Acute toxicity - Product Information

Skin contact Not classified. High pressure injection of the products under the skin may have very serious

consequences even though no symptom or injury may be apparent.

Eye contact Not classified.

Inhalation Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory

system.

Ingestion Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and

diarrhea.

Unknown Acute Toxicity

Acute toxicity - Component Information

No information available

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Not classified.

Sensitization Not classified as a sensitizer.

Carcinogenicity This product is not classified carcinogenic

Mutagenicity This product is not classified as mutagenic.

Germ Cell Mutagenicity

This product is not classified as mutagenic

Reproductive toxicity This product does not present any known or suspected reproductive hazards.



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STOT-single exposure Not classified

STOT - repeated exposure Not classified

Other adverse effects Characteristic skin lesions (pimples) may develop following prolonged and repeated

exposures (contact with contaminated clothing).

Aspiration Hazard Not classified.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified.

Acute aquatic toxicity - Product Information

No information available.

Acute aquatic toxicity - Component Information

No information available.

Chronic aquatic toxicity - Product Information

No information available.

Chronic aquatic toxicity - Component Information

No information available.

Effects on terrestrial organisms No information available.

Persistence and degradability

No information available.

Bioaccumulative potential



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Product Information No information available.

logPow No information available

Component Information

Mobility

Soil Given its physical and chemical characteristics, the product has no soil mobility.

Air Loss by evaporation is limited.

Water The product is insoluble and sinks in water.

Other adverse effects

General Information No information available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused

Products

Should not be released into the environment. Dispose of in accordance with local

regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or

disposal.

Other information Refer to section 8 for safety and protective measures for disposal personnel.

14. TRANSPORT INFORMATION

ADR/RID Not regulated

IMDG/IMO Not regulated

ICAO/IATA Not regulated

ADN Not regulated

DOT Not regulated

TDG Not regulated

MEX Not regulated



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15. REGULATORY INFORMATION

International Inventories No information available

Further information HSNO Approval Number: HSR002605

HSNO Group Standard Lubricants (Low Hazard) Group

No information available Standard 2006

National regulatory information

<u>Vietnam</u>

Dominican Republic

16. OTHER INFORMATION

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Revision NoteNo information available.

Abbreviations, acronyms

Legend Section 8

ACGIH - American Conference of Governmental Industrial Hygienists

TWA - Time Weight Average STEL - Short Term Exposure Limits

S* - Skin notation

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

End of the safety data sheet