

振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

SAFETY DATA SHEET

RUB & CLEAN AM COAT
(90 DAY)

EFFECTIVE DATE: 15 MARCH 2020

Doc. No: CLP/TCH/SDS/P189 REV 01

1. IDENTIFICATIONS OF THE CHEMICAL PRODUCT AND THE COMPANY UNDERTAKING

Product Name : RUB & CLEAN AM COAT (90 DAY)

Recommended Use and Restrictions of Use : Anti-Microbial Coating

Company Identifications : CLP International Pte Ltd
No. 2, Tanjong Penjuru
Singapore 609017
Tel : +65 6265 2788
Fax: +65 6265 7501

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

GHS Classification

Skin Irritation : Category 2

Eye Irritation : Category 2

Respiratory/ Skin Sensitization : Category 1

GHS Label Elements:

Pictograms



Signal Word : Warning

Hazards Statements

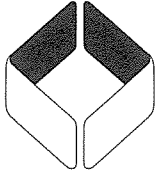
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction
- H320 Cause eye irritation
- H335 May cause respiratory irritation

Precautionary Statements

Prevention

Response

- P264 Wash skin thoroughly after handling
- P304+P341 If inhaled and breathing is difficult, remove individual to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 If in eye: rinse cautiously with water for several minutes. Remove contact lenses.
- P332 + P313 If skin irritation occurs, seek medical advice/ attention
- P337 + P313 If eye irritation persists, seek medical advice/ attention
- P342 + P311 If experiencing respiratory symptoms, call a poison centre or doctor



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Composition	CAS No.	%W/W
Benzalkonium Chloride	68424-85-1	≤1

* The exact concentration of composition has been withheld as a trade secret according to 29 CFR 1910.1200(i)

4. FIRST AID MEASURES

- Eye Contact** : Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Continue rinsing. Get medical attention if irritation develops or persists.
- Skin** : Rinse with water. Get medical attention if irritation develops and persists.
- Inhalation** : Remove person to fresh air. Get medical attention if irritation develops or persists.
- Ingestion** : Do not induced vomiting. Rinse mouth with water. Get medical attention if irritation develops or persists.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Hazards Arising From the Substance or Mixture:

No information available

Special Protective Equipment and Precautions for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in sections 7 and 8.

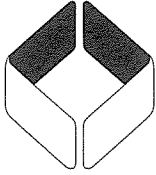
Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground

Methods and Materials for Containment and Cleaning 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). Flush away traces with water.

For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.



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7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Storage:

Keep in a cool, well-ventilated place. Keep container tightly closed. Store in suitable labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION / ENGINEERING CONTROLS:

Exposure limits in the air of the workplace, biological limit values:

No data available

Appropriate engineering controls:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Provide eyewash stations.

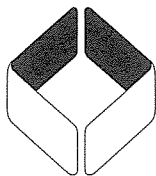
Personal Protective Equipment (PPE):

Skin and Body : Recommended to wear rubber glove and protective clothing when handling this product
Eyes : Safety glasses (with side shields)
Respiratory : In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene Measures : Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
Color : Clear to Hazy
Odor : Characteristic
Odor Threshold : No data available
pH : 3 - 5
Initial Boiling Point And Boiling Range : No data available
Freezing Point : No data available
Flash Point : No data available
Evaporation Rate : No data available
Flammability (Solid, Gas) : No data available
Auto-Ignition Temperature : No data available
Decomposition Temperature : No data available

Explosion Limits : No data available
Vapour Pressure : No data available
Vapour Density : No data available
Density : ~ 1.00 g/ml (28 °C)
Solubility(ies) : No data available



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Partition Coefficient
- N-Octanol/ Water : No data available
Viscosity : No data available
Explosive Properties : No data available
Oxidising Properties : No data available

10. STABILITY AND REACTIVITY

Reactivity : Not classified as a reactivity hazard
Chemical Stability : Stable under recommended storage conditions
Possibility of Hazardous Reactions : None known under normal use and processing
Conditions to Avoid : None known
Incompatible Materials : Soaps, anionic surfactants
Hazardous Decomposition Products : None known
Polymerization : Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

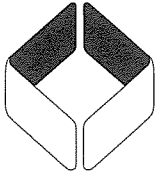
Information on toxicological effects
Acute Toxicity : No data available
Serious eye damage/irritation : No data available
Skin corrosion/ irritation : No data available
Skin/Respiratory sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : No data available
Reproductive toxicity : No data available
Specific target organ toxicity—single exposure : No data available
Specific target organ toxicity—repeated exposure : No data available
Aspiration Hazard : No data available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:
No data available

Mobility in Soil:
No data available

Bio accumulative potential:
No data available



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Persistence/degradability:

No data available

Results of PBT and vPvB assessment:

No data available

13. DISPOSAL CONSIDERATIONS

Product

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. TRANSPORT INFORMATION

UN Number : Not Regulated As Dangerous Goods For Transport
UN Proper Shipping Name : Not Regulated As Dangerous Goods For Transport
Packing Group : Not Regulated As Dangerous Goods For Transport
Class : Not Regulated As Dangerous Goods For Transport
Marine Pollutant : No

15. REGULATORY INFORMATION

Applicable National Regulations:

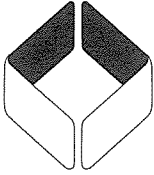
- 1) Standards on Hazard communication for hazardous chemicals and dangerous goods
 - SS 586: Part 1: 2014-Transport and storage of dangerous goods
 - SS 586: Part 2: 2014-GHS of classification and labelling of chemicals
 - SS 586: Part 3: 2008(2014)-Preparation of safety data sheet
- 2) MOM: Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations
 - This product is subject to SDS, labelling, PEL and other requirements in the Acts/Regulations
- 3) NEA: Environmental Protection and Management Act & Environmental Protection and Management (Hazardous Substances) Regulations
 - This product is not subjected to control under this Acts/Regulations
- 4) SCDF: Fire Safety Act & Fire Safety (Petroleum and Flammable Materials) Regulations
 - This product is not subjected to the requirement of this Acts/Regulations

16. OTHER INFORMATION

Disclaimer

The information contained herein is, to the best of our knowledge and belief, accurate and current as of the date of this SDS. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of

2 Tanjong Penjuru Singapore 609017. Tel: (65) 6265 2788 Fax: (65) 6265 1240
Email: ChinLeong@clp.com.sg URL: <http://www.clp.com.sg>



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the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable local laws and regulations.