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SDS

Common Name: RIM HANGER NO PDCB EVERGREEN 1.76OZ(50G)12 PC**Manufacturer:** GRAINGER GLOBAL SOURCING**SDS Revision Date:** 11/18/2014**SDS Format:** GHS-US**Item Number(s):** 2ZXE8**Manufacturer Model Number(s):**

SDS Table of Contents

Click the desired link below to jump directly to that section in the SDS.

[1 IDENTIFICATION](#)[2 HAZARD\(S\) IDENTIFICATION](#)[3 COMPOSITION/INFORMATION ON INGREDIENTS](#)[4 FIRST-AID MEASURES](#)[5 FIRE-FIGHTING MEASURES](#)[6 ACCIDENTAL RELEASE MEASURES](#)[7 HANDLING AND STORAGE](#)[8 EXPOSURE CONTROLS/PERSONAL PROTECTION](#)[9 PHYSICAL AND CHEMICAL PROPERTIES](#)[10 STABILITY AND REACTIVITY](#)[11 TOXICOLOGICAL INFORMATION](#)[12 ECOLOGICAL INFORMATION](#)[13 DISPOSAL CONSIDERATIONS](#)[14 TRANSPORT INFORMATION](#)[15 REGULATORY INFORMATION](#)[16 OTHER INFORMATION](#)

SAFETY DATA SHEET

ACC. TO OSHA HCS

PRINTING DATE: 11/18/2014

REVIEWED ON: 11/14/2014

1 IDENTIFICATION



PRODUCT IDENTIFIER: 2ZXE8

TRADE NAME: RIM HANGER NO PDCB GRAINGER EVERGREEN 1.76OZ (50G)12 PC

ARTICLE NUMBER: (779) (67)

APPLICATION OF THE SUBSTANCE / THE MIXTURE: AIR FRESHENER

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER/SUPPLIER:
GRAINGER GLOBAL SOURCING
100 GRAINGER PARKWAY

LAKE FOREST, IL 60045
USA

847-535-1000

INFORMATION DEPARTMENT: GRAINGER TECHNICAL SUPPORT

EMERGENCY TELEPHONE NUMBER:
GRAINGER TECHNICAL SUPPORT AT 1-800-356-2501

IN THE CASE OF POISONING, CONTACT CHEMTREC:
1-800-424-9300 (TOLL-FREE)
00 + 1-703-527-3887 (NON-US)

2 HAZARD(S) IDENTIFICATION



CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
GHS07: EXCLAMATION MARK

ACUTE TOX. 4:
H302: HARMFUL IF SWALLOWED.

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC OR DIRECTIVE 1999/45/EC:
HARMFUL
HARMFUL IF SWALLOWED.

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:
THE PRODUCT HAS TO BE LABELED DUE TO THE CALCULATION PROCEDURE OF
INTERNATIONAL GUIDELINES.

CLASSIFICATION SYSTEM:
THE CLASSIFICATION WAS MADE ACCORDING TO THE LATEST EDITIONS OF
INTERNATIONAL SUBSTANCES LISTS, AND EXPANDED UPON FROM COMPANY AND
LITERATURE DATA.

LABEL ELEMENTS:

LABELLING ACCORDING TO EU GUIDELINES:
THE PRODUCT HAS BEEN CLASSIFIED AND MARKED IN ACCORDANCE WITH DIRECTIVES
ON HAZARDOUS MATERIALS.

CODE LETTER AND HAZARD DESIGNATION OF PRODUCT: HARMFUL

HAZARD-DETERMINING COMPONENTS OF LABELING:
SODIUM DODECYLBENZENESULPHONATE, PURE

RISK PHRASES: HARMFUL IF SWALLOWED.

SAFETY PHRASES:
KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR
LABEL.

DISPOSE OF THIS MATERIAL AND ITS CONTAINER TO HAZARDOUS OR SPECIAL WASTE
COLLECTION POINT.

CLASSIFICATION SYSTEM:

NFPA RATINGS (SCALE 0 - 4):
HEALTH 2
FIRE 1
REACTIVITY 0

HMIS-RATINGS (SCALE 0 - 4):

HEALTH 2
FIRE 1
REACTIVITY 0

OTHER HAZARDS:

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.
VPVB: NOT APPLICABLE.

3 COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL CHARACTERIZATION: MIXTURES

DESCRIPTION:

MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIONS.

DANGEROUS COMPONENTS:

25155-30-0	SODIUM DODECYLBENZENESULPHONATE, PURE	25-50%
	POLYETHYLENE GLYCOL	2.5-<10%
	FRAGRANCE TRADE SECRET (779)	2.5-<10%
112926-00-8	PRECIPITATED SILICA (SILICA-AMORPHOUS)	1-</=2.5%

4 FIRST-AID MEASURES



DESCRIPTION OF FIRST AID MEASURES:

GENERAL INFORMATION:

SYMPTOMS OF POISONING MAY EVEN OCCUR AFTER SEVERAL HOURS; THEREFORE MEDICAL OBSERVATION FOR AT LEAST 48 HOURS AFTER THE ACCIDENT.

AFTER INHALATION: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

AFTER SKIN CONTACT: GENERALLY THE PRODUCT DOES NOT IRRITATE THE SKIN.

AFTER EYE CONTACT:

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER.

AFTER SWALLOWING: IMMEDIATELY CALL A DOCTOR.

INFORMATION FOR DOCTOR:

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

NO FURTHER RELEVANT INFORMATION AVAILABLE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NO FURTHER RELEVANT INFORMATION AVAILABLE.

5 FIRE-FIGHTING MEASURES



EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING AGENTS:

USE FIRE FIGHTING MEASURES THAT SUIT THE ENVIRONMENT.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:
NO FURTHER RELEVANT INFORMATION AVAILABLE.

ADVICE FOR FIREFIGHTERS:
PROTECTIVE EQUIPMENT: NO SPECIAL MEASURES REQUIRED.

6 ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
NOT REQUIRED.

ENVIRONMENTAL PRECAUTIONS:
DO NOT ALLOW TO ENTER SEWERS/SURFACE OR GROUND WATER.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:
DISPOSE CONTAMINATED MATERIAL AS WASTE ACCORDING TO ITEM 13.

REFERENCE TO OTHER SECTIONS:
SEE SECTION 7 FOR INFORMATION ON SAFE HANDLING.
SEE SECTION 8 FOR INFORMATION ON PERSONAL PROTECTION EQUIPMENT.
SEE SECTION 13 FOR DISPOSAL INFORMATION.

7 HANDLING AND STORAGE



HANDLING:

PRECAUTIONS FOR SAFE HANDLING:
NO SPECIAL PRECAUTIONS ARE NECESSARY IF USED CORRECTLY.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
NO SPECIAL MEASURES REQUIRED.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:
NO SPECIAL REQUIREMENTS.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY: NOT REQUIRED.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS: NONE.

SPECIFIC END USE(S): NO FURTHER RELEVANT INFORMATION AVAILABLE.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION



ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS:
NO FURTHER DATA; SEE ITEM 7.

CONTROL PARAMETERS:

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

POLYETHYLENE GLYCOL:

WEEL:

LONG-TERM VALUE: 10 MG/M3
(H): MW>200

112926-00-8 PRECIPITATED SILICA (SILICA-AMORPHOUS):

PEL: 20 MPPCF OR 80 MG/M3 /%SiO2

REL:

LONG-TERM VALUE: 6 MG/M3

SEE POCKET GUIDE APP. C

TLV: TLV WITHDRAWN

ADDITIONAL INFORMATION:

THE LISTS THAT WERE VALID DURING THE CREATION WERE USED AS BASIS.

EXPOSURE CONTROLS:

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

KEEP AWAY FROM FOODSTUFFS, BEVERAGES AND FEED.

WASH HANDS BEFORE BREAKS AND AT THE END OF WORK.

BREATHING EQUIPMENT: NOT REQUIRED.

PROTECTION OF HANDS:

THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT/THE SUBSTANCE/THE PREPARATION.

DUE TO MISSING TESTS NO RECOMMENDATION TO THE GLOVE MATERIAL CAN BE GIVEN FOR THE PRODUCT/THE PREPARATION/THE CHEMICAL MIXTURE.

SELECTION OF THE GLOVE MATERIAL ON CONSIDERATION OF THE PENETRATION TIMES, RATES OF DIFFUSION AND THE DEGRADATION

MATERIAL OF GLOVES:

THE SELECTION OF THE SUITABLE GLOVES DOES NOT ONLY DEPEND ON THE MATERIAL, BUT ALSO ON FURTHER MARKS OF QUALITY AND VARIES FROM MANUFACTURER TO MANUFACTURER. AS THE PRODUCT IS A PREPARATION OF SEVERAL SUBSTANCES, THE RESISTANCE OF THE GLOVE MATERIAL CAN NOT BE CALCULATED IN ADVANCE AND HAS THEREFORE TO BE CHECKED PRIOR TO THE APPLICATION.

PENETRATION TIME OF GLOVE MATERIAL:

THE EXACT BREAK THROUGH TIME HAS TO BE FOUND OUT BY THE MANUFACTURER OF THE PROTECTIVE GLOVES AND HAS TO BE OBSERVED.

EYE PROTECTION: NOT REQUIRED.

9 PHYSICAL AND CHEMICAL PROPERTIES



INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

GENERAL INFORMATION:

APPEARANCE:

FORM: SOLID

COLOR: ACCORDING TO PRODUCT SPECIFICATION

ODOR: CHARACTERISTIC

ODOUR THRESHOLD: NOT DETERMINED.

PH-VALUE: NOT APPLICABLE.

CHANGE IN CONDITION:

MELTING POINT/MELTING RANGE: UNDETERMINED.

BOILING POINT/BOILING RANGE: UNDETERMINED.

FLASH POINT: 301 DEG. C (574 DEG. F)

FLAMMABILITY (SOLID, GASEOUS): NOT DETERMINED.

IGNITION TEMPERATURE:

DECOMPOSITION TEMPERATURE: NOT DETERMINED.

AUTO IGNITING: PRODUCT IS NOT SELFIGNITING.

DANGER OF EXPLOSION: PRODUCT DOES NOT PRESENT AN EXPLOSION HAZARD.

EXPLOSION LIMITS:
LOWER: NOT DETERMINED.
UPPER: NOT DETERMINED.

VAPOR PRESSURE: NOT APPLICABLE.

DENSITY: NOT DETERMINED.

RELATIVE DENSITY: NOT DETERMINED.

VAPOUR DENSITY: NOT APPLICABLE.

EVAPORATION RATE: NOT APPLICABLE.

SOLUBILITY IN / MISCIBILITY WITH WATER: SOLUBLE.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT DETERMINED.

VISCOSITY:
DYNAMIC: NOT APPLICABLE.
KINEMATIC: NOT APPLICABLE.

SOLVENT CONTENT:
ORGANIC SOLVENTS: 0.0%
VOC CONTENT: <0.50%

SOLIDS CONTENT: 95.1%

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

10 STABILITY AND REACTIVITY



REACTIVITY:

CHEMICAL STABILITY:

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:
NO DECOMPOSITION IF USED ACCORDING TO SPECIFICATIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTIONS KNOWN.

CONDITIONS TO AVOID: NO FURTHER RELEVANT INFORMATION AVAILABLE.

INCOMPATIBLE MATERIALS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

HAZARDOUS DECOMPOSITION PRODUCTS:
NO DANGEROUS DECOMPOSITION PRODUCTS KNOWN.

11 TOXICOLOGICAL INFORMATION



INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

PRIMARY IRRITANT EFFECT:

ON THE SKIN: NO IRRITANT EFFECT.
ON THE EYE: NO IRRITATING EFFECT.

SENSITIZATION: NO SENSITIZING EFFECTS KNOWN.

ADDITIONAL TOXICOLOGICAL INFORMATION:

THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED
CALCULATION METHODS FOR PREPARATIONS: HARMFUL

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

112926-00-8	PRECIPITATED SILICA (SILICA-AMORPHOUS)	3
91-64-5	COUMARIN	3

NTP (NATIONAL TOXICOLOGY PROGRAM): NONE OF THE INGREDIENTS IS LISTED.

OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION):
NONE OF THE INGREDIENTS IS LISTED.

12 ECOLOGICAL INFORMATION

TOXICITY:

AQUATIC TOXICITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NO FURTHER RELEVANT INFORMATION AVAILABLE.

BEHAVIOR IN ENVIRONMENTAL SYSTEMS:

BIOACCUMULATIVE POTENTIAL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

MOBILITY IN SOIL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

ADDITIONAL ECOLOGICAL INFORMATION:

GENERAL NOTES:

WATER HAZARD CLASS 2 (SELF-ASSESSMENT): HAZARDOUS FOR WATER
DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER COURSE OR SEWAGE SYSTEM.
DANGER TO DRINKING WATER IF EVEN SMALL QUANTITIES LEAK INTO THE GROUND.

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT: NOT APPLICABLE.
VPVB: NOT APPLICABLE.

OTHER ADVERSE EFFECTS: NO FURTHER RELEVANT INFORMATION AVAILABLE.

13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:

RECOMMENDATION:

MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DO NOT ALLOW
PRODUCT TO REACH SEWAGE SYSTEM.

UNCLEANED PACKAGINGS:

RECOMMENDATION: DISPOSAL MUST BE MADE ACCORDING TO OFFICIAL REGULATIONS.

RECOMMENDED CLEANSING AGENT: WATER, IF NECESSARY WITH CLEANSING AGENTS.

14 TRANSPORT INFORMATION



UN-NUMBER:

DOT, IMDG, IATA: UN2811

UN PROPER SHIPPING NAME:

DOT: TOXIC SOLIDS, ORGANIC, N.O.S. (SODIUM DODECYLBENZENESULPHONATE, PURE)

IMDG, IATA:

TOXIC SOLID, ORGANIC, N.O.S. (SODIUM DODECYLBENZENESULPHONATE, PURE)

TRANSPORT HAZARD CLASS(ES):

DOT: CLASS 6.1, TOXIC

CLASS: 6.1 TOXIC SUBSTANCES

LABEL: 6.1

IMDG, IATA: CLASS 6.1, TOXIC

CLASS: 6.1 TOXIC SUBSTANCES

LABEL: 6.1

PACKING GROUP:

DOT, IMDG, IATA: III

ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT: NO

SPECIAL PRECAUTIONS FOR USER:

WARNING: TOXIC SUBSTANCES

DANGER CODE (KEMLER): 60

EMS NUMBER: F-A, S-A

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:
NOT APPLICABLE.

TRANSPORT/ADDITIONAL INFORMATION:

DOT:

QUANTITY LIMITATIONS:

ON PASSENGER AIRCRAFT/RAIL: 100 KG

ON CARGO AIRCRAFT ONLY: 200 KG

IMDG:

LIMITED QUANTITIES (LQ): 5 KG

EXCEPTED QUANTITIES (EQ):

CODE: E1

MAXIMUM NET QUANTITY PER INNER PACKAGING: 30 G

MAXIMUM NET QUANTITY PER OUTER PACKAGING: 1000 G

UN "MODEL REGULATION":

UN2811, TOXIC SOLIDS, ORGANIC, N.O.S. (SODIUM DODECYLBENZENESULPHONATE,
PURE), 6.1, III

**15 REGULATORY INFORMATION**

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

SARA:

SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):
NONE OF THE INGREDIENTS IS LISTED.

SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):
NONE OF THE INGREDIENTS IS LISTED.

TSCA (TOXIC SUBSTANCES CONTROL ACT):

7757-82-6	SODIUM SULPHATE
25155-30-0	SODIUM DODECYLBENZENESULPHONATE, PURE
	POLYETHYLENE GLYCOL
78-70-6	LINALOOL
106-24-1	GERANIOL
106-22-9	CITRONELLOL
91-64-5	COUMARIN
5392-40-5	CITRAL
138-86-3	DIPENTENE

PROPOSITION 65:

CHEMICALS KNOWN TO CAUSE CANCER: NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:
NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:
NONE OF THE INGREDIENTS IS LISTED.

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:
NONE OF THE INGREDIENTS IS LISTED.

CARCINOGENIC CATEGORIES:

EPA (ENVIRONMENTAL PROTECTION AGENCY):
NONE OF THE INGREDIENTS IS LISTED.

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH):
NONE OF THE INGREDIENTS IS LISTED.

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):
NONE OF THE INGREDIENTS IS LISTED.

PRODUCT RELATED HAZARD INFORMATIONS:
THE PRODUCT HAS BEEN CLASSIFIED AND MARKED IN ACCORDANCE WITH DIRECTIVES ON HAZARDOUS MATERIALS.

HAZARD SYMBOLS: HARMFUL

HAZARD-DETERMINING COMPONENTS OF LABELING:
SODIUM DODECYLBENZENESULPHONATE, PURE

RISK PHRASES: HARMFUL IF SWALLOWED.

SAFETY PHRASES:

KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

DISPOSE OF THIS MATERIAL AND ITS CONTAINER TO HAZARDOUS OR SPECIAL WASTE COLLECTION POINT.

CHEMICAL SAFETY ASSESSMENT: A CHEMICAL SAFETY ASSESSMENT HAS NOT BEEN CARRIED OUT.

16 OTHER INFORMATION

THIS INFORMATION IS BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THIS SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.

DEPARTMENT ISSUING SDS: GRAINGER TECHNICAL SUPPORT

CONTACT: GRAINGER TECHNICAL SUPPORT

DATE OF PREPARATION / LAST REVISION: 11/18/2014 / -

ABBREVIATIONS AND ACRONYMS:

ADR:

ACCORD EUROPEEN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD)

IMDG: INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS

DOT: US DEPARTMENT OF TRANSPORTATION

IATA: INTERNATIONAL AIR TRANSPORT ASSOCIATION

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

EINECS: EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

ELINCS: EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES

CAS: CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)

NFPA: NATIONAL FIRE PROTECTION ASSOCIATION (USA)

HMIS: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)

ACUTE TOX. 4: ACUTE TOXICITY, HAZARD CATEGORY 4

USA