

ITEM: 40CP84 - Exit Sign ABS LED 2W 14in. H Red

SDS: D9926

ORDER: 0171199672

LP NUMBER: U881420352

SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D9926

Associated Grainger Items
40CP82, 40CP83, 40CP84

SAFETY DATA SHEET

29 CFR 1910.1200

PRINTING DATE: 01/08/2015

REVIEWED ON: 01/07/2015

1 IDENTIFICATION

PRODUCT IDENTIFIER:

TRADE NAME: VALVE-REGULATED SEALED LEAD-ACID BATTERY

PRODUCT CODE:
40CP76/40CP77/40CP79/40CP80/40CP81/40CP82/40CP83/40CP84/19L030/19L031

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

APPLICATION OF THE SUBSTANCE / THE PREPARATION: LIGHTING

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER/SUPPLIER: GRAINGER GLOBAL SOURCING

FULL ADDRESS:
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045
USA

PHONE NUMBER: 847-535-1000

EMAIL: GGS_ENGINEERING_TECHNICAL_SUPPORT@GRAINGER.COM

OTHER US CONTACT POINT:
GRAINGER GLOBAL SOURCING
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045
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TEL: 847-535-1000

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FURTHER INFORMATION OBTAINABLE FROM: GRAINGER GLOBAL SOURCING

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

POISON CENTER TEL: +1 800 222 1222

REFERENCE NUMBER: CP14-067238-SZ, CANEC1421373701

2 HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

CLASSIFICATION ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

GHS08: HEALTH HAZARD

REPR. 1A:
H360: MAY CAUSE FERTILITY OR THE UNBORN CHILD.

STOT RE 2:
H373: MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

GHS07: EXCLAMATION MARK

ACUTE TOX. 4:
H302: HARMFUL IF SWALLOWED.

ACUTE TOX. 4:
H332: HARMFUL IF INHALED.

SKIN IRRIT. 2:
H315: CAUSES SKIN IRRITATION.

EYE IRRIT. 2A:
H319: CAUSES SERIOUS EYE IRRITATION.

SKIN SENS. 1:
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:
THE PRODUCT HAS TO BE LABELED DUE TO THE CALCULATION PROCEDURE OF OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

CLASSIFICATION SYSTEM:
THE CLASSIFICATION IS ACCORDING TO THE LATEST EDITION OF OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), AND EXTENDED BY COMPANY AND LITERATURE DATA.

LABEL ELEMENTS:

LABELLING ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):

HAZARD PICTOGRAMS:
GHS07: EXCLAMATION MARK
GHS08: HEALTH HAZARD

SIGNAL WORD: DANGER

HAZARD-DETERMINING COMPONENTS OF LABELING:

LEAD
POLY (ACRYLONITRILE-CO-BUTADIENE-CO-STYRENE)
2,2',6,6'-TETRABROMO-4,4'-ISOPROPYLDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE

HAZARD STATEMENTS:

H302+H332: HARMFUL IF SWALLOWED OR IF INHALED.
H315: CAUSES SKIN IRRITATION.
H319: CAUSES SERIOUS EYE IRRITATION.
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.
H360: MAY DAMAGE FERTILITY OR THE UNBORN CHILD.
H373: MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

PRECAUTIONARY STATEMENTS:

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.

P260: DO NOT BREATHE DUST/FUME/GAS/MIST/VAPOR/SPRAY.

P280: WEAR PROTECTIVE GLOVES.

P305+P351+P338:

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P321: SPECIFIC TREATMENT (SEE ON THIS LABEL).

P405: STORE LOCKED UP.

P501:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):
NO FURTHER RELEVANT INFORMATION AVAILABLE.

3 COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: MIXTURES

DESCRIPTION:

MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIVES.
FOR THE WORDING OF LISTED RISK PHRASES REFER TO SECTION 16.

COMPOSITION:

7439-92-1	LEAD REPR. 1A, H360; STOT RE 2, H373; ACUTE TOX. 4, H302; ACUTE TOX. 4, H332	80.0%
7664-93-9	SULPHURIC ACID CARC. 1 A, H350; SKIN CORR. 1A, H314	8.5%
9003-56-9	POLY (ACRYLONITRILE-CO-BUTADIENE-CO-STYRENE) ACUTE TOX. 4, H302; SKIN IRRIT. 2, H315; EYE IRRIT. 2A, H319; STOT SE 3, H335	5.9%
65997-17-3	FIBROUS GLASS CARC. 2, H351; SKIN IRRIT. 2, H315; EYE IRRIT. 2A, H319; STOT SE 3, H335	5.0%
40039-93-8	2,2',6,6'-TETRABROMO-4,4'-ISOPROPYLDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO- 2,3-EPOXYPROPANE EYE IRRIT. 2A, H319; SKIN SENS. 1, H317	0.6%

REMARK:

FIBROUS GLASS (CAS: 65997-17-3):
NOTE: FIBERGLASS

2,2',6,6'-TETRABROMO-4,4'-ISOPROPYLDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE (CAS: 40039-93-8):
NOTE: SEALANT

POLY (ACRYLONITRILE-CO-BUTADIENE-CO-STYRENE) (CAS: 9003-56-9):
NOTE: ABS

4 FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

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

AFTER INHALATION:
IN CASE OF UNCONSCIOUSNESS PLACE PATIENT STABLY IN SIDE POSITION FOR TRANSPORTATION.

AFTER SKIN CONTACT:
IMMEDIATELY WASH WITH WATER AND SOAP AND RINSE THOROUGHLY.

AFTER EYE CONTACT:
RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, CONSULT A DOCTOR.

AFTER SWALLOWING: IF SYMPTOMS PERSIST CONSULT 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

SUITABLE EXTINGUISHING AGENTS:
CO2, EXTINGUISHING POWDER OR WATER SPRAY. FIGHT LARGER FIRES WITH WATER SPRAY OR ALCOHOL RESISTANT FOAM.

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

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS 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 PRODUCT TO REACH SEWAGE SYSTEM OR ANY WATER COURSE.
INFORM RESPECTIVE AUTHORITIES IN CASE OF SEEPAGE INTO WATER COURSE OR SEWAGE SYSTEM.
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.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: OPEN AND HANDLE RECEPTACLE WITH CARE.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES:
KEEP RESPIRATORY PROTECTIVE DEVICE AVAILABLE.

STORAGE:

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

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:
KEEP RECEPTACLE TIGHTLY SEALED.

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

7439-92-1 LEAD (80.0%):

REL (USA):
LONG-TERM VALUE: 0.05* MG/M3
*SEE 29 CFR 1910.1025

REL (USA):
LONG-TERM VALUE: 0.05* MG/M3
*8-HR TWA, EXCL. LEAD ARSENATE; SEE POCKET GUIDE APP.C

TLV (USA):
LONG-TERM VALUE: 0.05* MG/M3
*AND INORGANIC COMPOUNDS, AS Pb; BEI

7664-93-9 SULPHURIC ACID (8.5%):

REL (USA):
LONG-TERM VALUE: 1 MG/M3

REL (USA):
LONG-TERM VALUE: 1 MG/M3

TLV (USA):
LONG-TERM VALUE: 0.2* MG/M3
*AS THORACIC FRACTION

9003-56-9 POLY (ACRYLONITRILE-CO-BUTADIENE-CO-STYRENE) (5.9%):

TLV (USA):
LONG-TERM VALUE: 10* MG/M3
*NUISANCE PARTICULATES (TOTAL)

65997-17-3 FIBROUS GLASS (5.0%):

TWA (USA):
LONG-TERM VALUE: 5* MG/M3
*INHALABLE FRACTION.

INGREDIENTS WITH BIOLOGICAL LIMIT VALUES:

7439-92-1 LEAD:

BEI (USA):

30 (MICRO)G/100 ML
MEDIUM: BLOOD
TIME: NOT CRITICAL
PARAMETER: LEAD

10 (MICRO)G/100 ML
MEDIUM: BLOOD
TIME: NOT CRITICAL
PARAMETER: LEAD (WOMEN OF CHILD BEARING POTENTIAL)

ADDITIONAL INFORMATION:
THE LISTS THAT WERE VALID DURING THE CREATION WERE USED AS BASIS.

BASED ON THE COMPOSITION SHOWN IN SECTION 3, THE FOLLOWING MEASURES ARE SUGGESTED FOR OCCUPATIONAL SAFETY MEASURE.

APPROPRIATE ENGINEERING CONTROLS:
KEEP AWAY FROM FOODSTUFFS, BEVERAGES AND FEED.

IMMEDIATELY REMOVE ALL SOILED AND CONTAMINATED CLOTHING.
WASH HANDS BEFORE BREAKS AND AT THE END OF WORK.
STORE PROTECTIVE CLOTHING SEPARATELY.
AVOID CONTACT WITH THE EYES AND SKIN.
SEE SECTION 7 FOR INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES.

PERSONAL PROTECTIVE EQUIPMENT:

BREATHING EQUIPMENT:
IN CASE OF BRIEF EXPOSURE OR LOW POLLUTION USE RESPIRATORY FILTER DEVICE.
IN CASE OF INTENSIVE OR LONGER EXPOSURE USE RESPIRATORY PROTECTIVE DEVICE THAT IS INDEPENDENT OF CIRCULATING AIR.

PROTECTION OF HANDS: PROTECTIVE GLOVES

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: TIGHTLY SEALED GOGGLES

9 PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION:

APPEARANCE:

FORM: SOLID

COLOR: BLACK

ODOR: ODORLESS

ODOUR THRESHOLD: NOT AVAILABLE

PH-VALUE: NOT AVAILABLE

CHANGE IN CONDITION:
MELTING POINT/MELTING RANGE: NOT AVAILABLE
FREEZING POINT: NOT AVAILABLE
BOILING POINT/BOILING RANGE: NOT AVAILABLE

FLASH POINT: NOT AVAILABLE

FLAMMABILITY (SOLID, GASEOUS): NOT AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

DECOMPOSITION TEMPERATURE: NOT AVAILABLE

EXPLOSION LIMITS:
LOWER: NOT AVAILABLE
UPPER: NOT AVAILABLE

VAPOR PRESSURE: NOT AVAILABLE

DENSITY: NOT AVAILABLE

RELATIVE DENSITY: NOT AVAILABLE

VAPOUR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY IN / MISCIBILITY WITH WATER: NOT AVAILABLE

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE

VISCOSITY:
DYNAMIC: NOT AVAILABLE.
KINEMATIC: NOT AVAILABLE

OTHER INFORMATION: NO FURTHER RELEVANT INFORMATION AVAILABLE.

10 STABILITY AND REACTIVITY

REACTIVITY: DATA NOT AVAILABLE

CHEMICAL STABILITY: DATA NOT AVAILABLE

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

ACUTE TOXICITY:

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION: NOT AVAILABLE

PRIMARY IRRITANT EFFECT:
ON THE SKIN: IRRITANT TO SKIN AND MUCOUS MEMBRANES.
ON THE EYE: IRRITATING EFFECT.

SENSITIZATION: SENSITIZATION POSSIBLE.

ADDITIONAL TOXICOLOGICAL INFORMATION:
THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED
CALCULATION METHODS FOR PREPARATIONS:
HARMFUL
IRRITANT

CARCINOGENIC CATEGORIES:

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):

7439-92-1	LEAD	2B
7664-93-9	SULPHURIC ACID	1

NTP (NATIONAL TOXICOLOGY PROGRAM):

7439-92-1	LEAD	R
7664-93-9	SULPHURIC ACID	K

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.

BIOACCUMULATIVE POTENTIAL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

MOBILITY IN SOIL: NO FURTHER RELEVANT INFORMATION AVAILABLE.

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.

14 TRANSPORT INFORMATION

UN-NUMBER:
DOT, IMDG, IATA: UN2800

UN PROPER SHIPPING NAME:
DOT: BATTERIES, WET, NON-SPILLABLE
IMDG, IATA: BATTERIES, WET, NON-SPILLABLE

TRANSPORT HAZARD CLASS(ES):

DOT: CORROSIVE, CLASS/DIVISION 8
CLASS: 8 CORROSIVE SUBSTANCES
LABEL: 8

IMDG, IATA: CLASS 8, CORROSIVES

CLASS: 8 CORROSIVE SUBSTANCES

LABEL: 8

PACKING GROUP:
DOT, IMDG, IATA: NOT APPLICABLE

ENVIRONMENTAL HAZARDS:
PRODUCT CONTAINS ENVIRONMENTALLY HAZARDOUS SUBSTANCES: LEAD

MARINE POLLUTANT: NO

SPECIAL PRECAUTIONS FOR USER:
WARNING: CORROSIVE SUBSTANCES

EMS NUMBER: F-A, S-B

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

UN "MODEL REGULATION":
UN2800, BATTERIES, WET, NON-SPILLABLE, ENVIRONMENTALLY HAZARDOUS, 8

15 REGULATORY INFORMATION

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

SARA:

SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES):

7664-93-9 SULPHURIC ACID

SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):

7439-92-1 LEAD

7664-93-9 SULPHURIC ACID

TSCA (TOXIC SUBSTANCES CONTROL ACT): ALL INGREDIENTS ARE LISTED.

PROPOSITION 65:

CHEMICALS KNOWN TO CAUSE CANCER:

7439-92-1 LEAD

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR FEMALES:

7439-92-1 LEAD

CHEMICALS KNOWN TO CAUSE REPRODUCTIVE TOXICITY FOR MALES:

7439-92-1 LEAD

CHEMICALS KNOWN TO CAUSE DEVELOPMENTAL TOXICITY:

7439-92-1 LEAD

CANCEROGENICITY CATEGORIES:

EPA (ENVIRONMENTAL PROTECTION AGENCY):

7439-92-1 LEAD B2

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH):

7439-92-1 LEAD A3

7664-93-9 SULPHURIC ACID A2

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

16 OTHER INFORMATION

NFPA RATINGS (SCALE 0 - 4):
HEALTH 3
FIRE 0
REACTIVITY 0

HMS RATINGS (SCALE 0 - 4):
HEALTH 2+
FIRE 0
REACTIVITY 0

RELEVANT PHRASES:

H302: HARMFUL IF SWALLOWED.
H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
H315: CAUSES SKIN IRRITATION.
H317: MAY CAUSE AN ALLERGIC SKIN REACTION.
H319: CAUSES SERIOUS EYE IRRITATION.
H332: HARMFUL IF INHALED.
H335: MAY CAUSE RESPIRATORY IRRITATION.
H350: MAY CAUSE CANCER.
H351: SUSPECTED OF CAUSING CANCER.
H360: MAY DAMAGE FERTILITY OR THE UNBORN CHILD.
H373: MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

THE CONTENTS AND FORMAT OF THIS SDS ARE IN ACCORDANCE WITH 29 CFR
1910.1200(G)

DISCLAIMER OF LIABILITY:

THE INFORMATION IN THIS SDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE
RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY,
EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. THE CONDITIONS OR METHODS OF
HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL
AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT
ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR
EXPENSE ARISING OUT OF OR IN ANYWAY CONNECTED WITH THE HANDLING, STORAGE,
USE OR DISPOSAL OF THE PRODUCT. THIS SDS WAS PREPARED AND IS TO BE USED
ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER
PRODUCT, THIS SDS INFORMATION MAY NOT BE APPLICABLE.

DATE OF PREPARATION / LAST REVISION: 01/08/2015 / -

ABBREVIATIONS AND ACRONYMS:

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)

LC50: LETHAL CONCENTRATION, 50 PERCENT

LD50: LETHAL DOSE, 50 PERCENT

ACUTE TOX. 4: ACUTE TOXICITY, HAZARD CATEGORY 4

SKIN CORR. 1A: SKIN CORROSION/IRRITATION, HAZARD CATEGORY 1A

SKIN IRRIT. 2: SKIN CORROSION/IRRITATION, HAZARD CATEGORY 2

EYE IRRIT. 2A: SERIOUS EYE DAMAGE/EYE IRRITATION, HAZARD CATEGORY 2A

SKIN SENS. 1: SENSITISATION - SKIN, HAZARD CATEGORY 1

CARC. 1A: CARCINOGENICITY, HAZARD CATEGORY 1A

CARC. 2: CARCINOGENICITY, HAZARD CATEGORY 2

REPR. 1A: REPRODUCTIVE TOXICITY, HAZARD CATEGORY 1A

STOT SE 3:
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE, HAZARD CATEGORY 3

STOT RE 2:
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE, HAZARD CATEGORY 2

USA