

SDS# 205A
LCD# 437B

Common Name: FORCEFIELD FIREGUARD FLAME RETARDANT FOR FABRIC
Manufacturer: SHIELD INDUSTRIES
SDS Revision Date: 8/28/2018
SDS Format: No Format Specified

Item Number(s): 45EK74, 45EK75, 45EK76

Manufacturer Model Number(s):

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FORCEFIELD (R*) PRODUCTS

SHIELD INDUSTRIES, INC.

FORCEFIELD (R*) FIREGUARD(TM) FLAME RETARDANT FOR FABRIC

SAFETY DATA SHEET

SECTION 1 CHEMICAL AND COMPANY IDENTIFICATION



PRODUCT NAME: FORCEFIELD FIREGUARD FLAME RETARDANT FOR FABRIC

PRODUCT USE/CLASS: WATER-BASED FLAME RETARDANT FOR FABRIC

DATE PRINTED: 8/28/2018

PRODUCT ID: F FG

SUPPLIER: SHIELD INDUSTRIES, INC.

ADDRESS:
131 SMOKEHILL LANE
WOODSTOCK, GA 30188

USA

MANUFACTURER: SHIELD INDUSTRIES, INC.

ADDRESS:

131 SMOKEHILL LANE
WOODSTOCK, GA 30188 - USA

TELEPHONE: 770-517-6869

24 HOUR EMERGENCY HOTLINE: 800-535-5053

SECTION 2 HAZARD/IDENTIFICATION



PHYSICAL HAZARDS: NOT APPLICABLE

HEALTH HAZARDS:

ACUTE TOXICITY: NOT APPLICABLE

EYE IRRITATION: CATEGORY 2B

SKIN IRRITATION: NOT APPLICABLE

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE: NOT APPLICABLE

ENVIRONMENTAL HAZARDS: NOT CLASSIFIED.

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENT: CAUSES EYE IRRITATION. (H320)

PRECAUTIONARY STATEMENTS:

PREVENTION:

READ LABEL BEFORE USE. (P103)

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
(P280)

WASH HANDS AND EXPOSED SKIN THOROUGHLY AFTER HANDING. (P264)

RESPONSE:

IF SWALLOWED: GET MEDICAL ADVICE/ATTENTION. (P301 + P313)

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES,
IF PRESENT AND EASY TO DO. CONTINUE RINSING. (P305 + P351 + P338)

STORAGE: KEEP OUT OF REACH OF CHILDREN. (P102)

DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT. (P501)

HAZARD(S) NOT OTHERWISE CLASSIFIED (HNOC): NONE.

SUPPLEMENTAL INFORMATION:

TOXICITY STATEMENT:

THIS PRODUCT IS A MIXTURE CONTAINING UP TO 55% OF INGREDIENTS WITH UNKNOWN TOXICITY.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS



COMPONENTS	CAS NUMBER	%
WATER	7732-18-5	<75%
PENTAERYTHRITOL TETRAPHOSPHATE AMMONIUM SALT (PROPRIETARY)	TRADE SECRET*	<40%

* DESIGNATES THAT A SPECIFIC CHEMICAL IDENTITY AND/OR PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

ADDITIONAL INFORMATION:

SUBSTANCES IN THE PRODUCT WHICH MAY PRESENT A HEALTH OR ENVIRONMENTAL HAZARD, OR WHICH HAVE BEEN ASSIGNED OCCUPATIONAL EXPOSURE LIMITS, ARE DETAILED BELOW: NONE

SECTION 4 FIRST AID MEASURES



INHALATION:

MOVE PERSON TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. IF SYSTEMS DEVELOP, CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN..

SKIN CONTACT:

IF ON SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF ON CLOTHES, REMOVE CLOTHING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

EYE CONTACT:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. KEEP EYES WIDE OPEN AND CONTINUE RINSING. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

INGESTION:

SEEK MEDICAL ATTENTION IMMEDIATELY AND FOLLOW INSTRUCTIONS GIVEN. EFFECTS OF INGESTION ARE UNKNOWN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

MAY CAUSE STINGING OF EYES AND/OR IRRITATION. PROLONGED AND REPEATED SKIN EXPOSURE MAY BE IRRITATING TO SOME PEOPLE.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

IF INGESTED:

IMMEDIATELY SEEK MEDICAL ATTENTION. PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. KEEP VICTIM UNDER OBSERVATION.

GENERAL INFORMATION:

MORE AFFECTED PERSONS FROM DANGEROUS AREA. DO NOT LEAVE VICTIM UNATTENDED. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

SECTION 5 FIRE FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA:

NON-COMBUSTIBLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

UNSUITABLE EXTINGUISHING MEDIA: NONE KNOWN.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

COMBUSTION OR THERMAL DECOMPOSITION WILL EVOLVE TOXIC AND/OR IRRITANT VAPOURS. FORMS FUMES OF OXIDES OF CARBON, NITROGEN, AND PHOSPHORUS.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:
NONE KNOWN. USE PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR SURROUNDING
FIRE.

FIRE-FIGHTING EQUIPMENT/INSTRUCTIONS:
FIRE FIGHTERS SHOULD WEAR COMPLETE PROTECTIVE CLOTHING INCLUDING
SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FIRE AREA IF YOU
CAN DO SO WITHOUT RISK. CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT
VAPOUR PRESSURE BUILD UP.

SPECIFIC METHODS:
USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER
INVOLVED MATERIALS. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO
WITHOUT RISK. IN THE EVENT OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES.

GENERAL FIRE HAZARDS: NONE KNOWN.

SECTION 6 ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF
SPILL/LEAK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING
CLEAN-UP. AVOID SKIN CONTACT. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED
MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. VENTILATE CLOSED
SPACES BEFORE ENTERING THEM.

ENVIRONMENTAL PRECAUTIONS:
AVOID RELEASE TO THE ENVIRONMENT. CONTAIN SPILLAGES AND THEN COLLECT WITH
SAND, EARTH, OR ANY OTHER SUITABLE ADSORBENT MATERIAL. AVOID DISCHARGE INTO
DRAINS, SEWERS, OR WATERWAYS. PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE
TO DO SO. INFORM APPROPRIATE MANAGERIAL OR SUPERVISORY PERSONNEL OF ALL
ENVIRONMENTAL RELEASES.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:
CONTAIN SPILLAGES AND THEN COLLECT WITH SAND, EARTH, DIATOMACEOUS EARTH,
VERMICULITE, OR ANY OTHER SUITABLE ADSORBENT MATERIAL. COLLECT SPILLAGE.
TRANSFER TO A CONTAINER FOR DISPOSAL OR RECOVERY. FOLLOWING PRODUCT
RECOVERY, FLUSH AREA WITH WATER. IF POSSIBLE PREVENT WATER RUNNING INTO
SEWERS. FOR WASTE DISPOSAL, SEE SECTION 13 OF THE SDS.

SECTION 7 HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:
AVOID CONTACT WITH SKIN AND EYES. WEAR APPROPRIATE PERSONAL PROTECTIVE
EQUIPMENT. SMOKING, EATING AND DRINKING SHOULD BE PROHIBITED IN THE
APPLICATION AREA. WASH HANDS THOROUGHLY AFTER HANDLING. AVOID RELEASE TO
THE ENVIRONMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES. WHEN OPENING
CONTAINERS, DO SO SLOWLY TO VENT SLIGHT PRESSURE THAT MAY BUILD UP AFTER
PROLONGED STORAGE.

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION:
NONE - PRODUCT IS NON-COMBUSTIBLE

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND
WELL- VENTILATED PLACE. KEEP COOL. DO NOT STORE IN TEMPERATURES BELOW 0
DEG. C OR ABOVE 50 DEG. C. CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY
RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. WHEN OPENING CONTAINERS, DO
SO SLOWLY TO VENT SLIGHT PRESSURE THAT MAY BUILD-UP AFTER PROLONGED
STORAGE. OBSERVE LABEL PRECAUTIONS.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS AND REDUCING AGENTS.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION



OCCUPATIONAL EXPOSURE LIMITS:

U.S. ACGIH THRESHOLD LIMIT VALUES:

COMPONENTS	CAS	TYPE	VALUE
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NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT OR COMPONENTS.

U.S. OSHA:

COMPONENTS	CAS	TYPE	VALUE
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NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT OR COMPONENTS.

U.S. NIOSH:

COMPONENTS	CAS	TYPE	VALUE
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NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT OR COMPONENTS.

APPROPRIATE ENGINEERING CONTROLS:

NOT NORMALLY REQUIRED WITH ADEQUATE LOCAL VENTILATION.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION:

WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) WHERE SPLASHING IS LIKELY.

HAND PROTECTION:

WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES TO MINIMIZE PHYSICAL CONTACT (BUTYL RUBBER, NEOPRENE, OR NATURAL RUBBER). CHECK WITH PROTECTIVE EQUIPMENT MANUFACTURER'S DATA.

SKIN PROTECTION/OTHER: NOT NORMALLY REQUIRED.

RESPIRATORY PROTECTION:

NOT NORMALLY REQUIRED WITH ADEQUATE LOCAL VENTILATION. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. CHECK WITH PROTECTIVE EQUIPMENT MANUFACTURER'S DATA.

THERMAL HAZARDS: NOT NORMALLY REQUIRED.

GENERAL HYGIENE CONSIDERATIONS:

WHEN USING, DO NOT EAT, DRINK OR SMOKE. ALWAYS OBSERVE GOOD PERSONAL HYGIENE MEASURES, SUCH AS WASHING AFTER HANDLING THE MATERIAL AND BEFORE EATING, DRINKING, AND/OR SMOKING. ROUTINELY WASH WORK CLOTHING AND PROTECTIVE EQUIPMENT TO REMOVE CONTAMINANTS. AVOID RELEASE TO THE ENVIRONMENT.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES



APPEARANCE:

PHYSICAL STATE: LIQUID

FORM: LIQUID EMULSION.

COLOR: CLEAR TO SLIGHTLY HAZY.

ODOR: CHARACTERISTIC, MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: 7.0 - 7.3 +/- 0.2

MELTING POINT/FREEZING POINT: NOT AVAILABLE.

INITIAL BOILING POINT AND BOILING RANGE: >100 DEG. C ESTIMATED

FLASH POINT: NO FLASHPOINT BELOW 200 DEG. F (93.33 DEG. C)

EVAPORATION RATE: APPROXIMATELY 1 (WATER = 1)

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
FLAMMABILITY LIMIT - LOWER (%): NOT AVAILABLE.
FLAMMABILITY LIMIT - UPPER (%): NOT AVAILABLE.

EXPLOSIVE LIMIT - LOWER (%): NOT AVAILABLE.
EXPLOSIVE LIMIT - UPPER (%): NOT AVAILABLE.

VAPOR PRESSURE: NOT AVAILABLE.

RELATIVE VAPOR DENSITY: NOT AVAILABLE.

RELATIVE DENSITY: 1.08 +/- 0.02

SOLUBILITY (WATER): SOLUBLE.

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

AUTO-IGNITION TEMPERATURE: NOT APPLICABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

VISCOSITY (KINEMATIC CST @ 40 DEG. C): NOT AVAILABLE.

EXPLOSIVE PROPERTIES: NOT EXPLOSIVE.

OXIDIZING PROPERTIES: NOT OXIDIZING.

OTHER INFORMATION:

VOC: 0.00%

LVP: 0.00%

IONIC NATURE: NON-IONIC

SECTION 10 STABILITY AND REACTIVITY



REACTIVITY:

THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL AMBIENT CONDITIONS OF USE, STORAGE AND TRANSPORT.

CHEMICAL STABILITY: MATERIAL IS STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE ANTICIPATED.

CONDITIONS TO AVOID:

AVOID CONTACT WITH INCOMPATIBLE MATERIALS. AVOID CONTACT WITH HEAT AND IGNITION SOURCES.

DO NOT FREEZE.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS AND REDUCING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:

AT TEMPERATURES OVER 200 C, OR UNDER FIRE CONDITIONS, THERMAL DECOMPOSITION MAY EVOLVE TOXIC AND/OR IRRITANT VAPOURS. FORMS: OXIDES OF CARBON, NITROGEN, AND PHOSPHORUS; SMOKE OF UNKNOWN TOXICITY.

SECTION 11 TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INHALATION:

NO EFFECTS EXPECTED, HOWEVER, MAY CAUSE MILD IRRITATION TO RESPIRATORY TRACT.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS.

EYE CONTACT: VAPORS MAY CAUSE IRRITATION TO THE EYES

INGESTION: NOT A LIKELY ROUTE OF EXPOSURE. EFFECTS ARE NOT KNOWN.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

EYE IRRITATION:

SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION.

SKIN IRRITATION.:

PROLONGED AND REPEATED SKIN EXPOSURE MAY BE IRRITATING TO SOME PEOPLE.

INGESTION:

NOT A LIKELY ROUTE OF EXPOSURE. EFFECTS ARE NOT KNOWN. SEEK MEDICAL ATTENTION IF INGESTED

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY:

COMPONENTS	CAS#	TEST	SPECIES	TEST RESULTS
PENTAERYTHRITOL TETRAPHOSPHATE, AMMONIUM SALT	TRADE SECRET	ORAL LD50	RAT	>2,000 MG/KG

SKIN CORROSION/IRRITATION:

PROLONGED AND REPEATED SKIN EXPOSURE MAY BE IRRITATING TO SOME PEOPLE.

SERIOUS EYE DAMAGE/EYE IRRITATION: CAUSES EYE IRRITATION.

RESPIRATORY OR SKIN SENSITIZATION:

RESPIRATORY SENSITIZATION: NO EFFECTS EXPECTED.

SKIN SENSITIZATION:

THIS PRODUCT IS NOT EXPECTED TO CAUSE SKIN SENSITIZATION.

GERM CELL MUTAGENICITY:

NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.

CARCINOGENICITY:

NO DATA AVAILABLE TO INDICATE THAT THIS PRODUCT IS CONSIDERED TO BE A CARCINOGEN BY IARC, ACGIH, NTP, OR OSHA.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050): NOT LISTED.

REPEATED DOSE TOXICITY: NO DATA AVAILABLE FOR THIS PRODUCT.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:
NO DATA AVAILABLE FOR THIS PRODUCT.

TERATOGENICITY: NO DATA AVAILABLE FOR THIS PRODUCT.

ASPIRATION HAZARD: NO DATA AVAILABLE FOR THIS PRODUCT.

SECTION 12 ECOLOGICAL INFORMATION



ECOTOXICITY: BY ANALOGY WITH SIMILAR MATERIALS

ACUTE TOXICITY:

COMPONENTS/CAS	TEST	SPECIES	TEST RESULTS
PENTAERYTHRITOL	LC50	FISH	>100 MG/L (96 HR.)
TETRAPHOSPHATE,	EC50	AQUATIC INVERTEBRATES	>100 MG/L (48 HR.)
AMMONIUM SALT	EC50	ALGAE	>100 MG/L (96 HR.)

LONG TERM TOXICITY: NO DATA AVAILABLE.

PERSISTENCE AND DEGRADABILITY: NOT READILY BIODEGRADABLE.

BIOACCUMULATIVE POTENTIAL:
THIS PRODUCT HAS LOW POTENTIAL FOR BIOACCUMULATION.

MOBILITY IN SOIL: THIS PRODUCT HAS LOW MOBILITY IN SOIL.

RESULTS OF PBT AND VPVB ASSESSMENT: NOT CLASSIFIED AS PBT OR VPVB.

OTHER ADVERSE EFFECTS: NONE KNOWN.

SECTION 13 DISPOSAL CONSIDERATIONS



WASTE TREATMENT/DISPOSAL INSTRUCTIONS:
DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE, OR NATIONAL LEGISLATION. CONSULT AN ACCREDITED WASTE DISPOSAL CONTRACTOR OR THE LOCAL AUTHORITY FOR ADVICE.

WASTE FROM RESIDUES / UNUSED PRODUCTS:
DO NOT DISPOSE OF WASTE INTO SEWER. DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

CONTAMINATED PACKAGING:
EXERCISE CAUTION AS EMPTY CONTAINERS OR LINERS MAY RETAIN SOME PRODUCT RESIDUES. DO NOT RE-USE EMPTY CONTAINERS. DO NOT BURN, OR USE A CUTTING TORCH ON, EMPTY CONTAINERS. DISPOSE OF EMPTY CONTAINERS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 TRANSPORT INFORMATION



DOT:

UN NUMBER: NOT APPLICABLE
UN PROPER SHIPPING NAME: CLEANING COMPOUNDS N.O.S.

TRANSPORT HAZARD CLASS(ES) :
CLASS: NOT APPLICABLE

SUBSIDIARY RISK:
LABEL(S) : NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

ENVIRONMENTAL HAZARDS: NO

SPECIAL PROVISIONS: NONE ASSIGNED

PACKAGING EXCEPTIONS: NONE - NOT CLASSIFIED AS DANGEROUS FOR TRANSPORTATION

PACKAGING BULK:

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

IATA:
UN NUMBER: NOT APPLICABLE
UN PROPER SHIPPING NAME: CLEANING COMPOUNDS N.O.S.

TRANSPORT HAZARD CLASS(ES) :
CLASS: NOT APPLICABLE

SUBSIDIARY RISK:
LABEL(S) : NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE
ENVIRONMENTAL HAZARDS: NO
ERG CODE: NOT APPLICABLE

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

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

IMDG:
UN NUMBER: NOT APPLICABLE
UN PROPER SHIPPING NAME: CLEANING COMPOUNDS, N.O.S.

TRANSPORT HAZARD CLASS(ES) :
CLASS: NOT APPLICABLE

SUBSIDIARY RISK:
LABEL(S) : NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE

ENVIRONMENTAL HAZARDS:
MARINE POLLUTANT: NO

SPECIAL PRECAUTIONS FOR USER:
READ SAFETY INSTRUCTIONS, SDS AND EMERGENCY PROCEDURES BEFORE HANDLING.

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

US FEDERAL REGULATIONS:

THIS PRODUCT IS NOT A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200. ALL COMPONENTS ARE ON THE U.S. EPA TSCA INVENTORY LIST OR POLYMER EXEMPT.

TSCA SECTION 5 SNUR: (40 CFR 721.10536. NO LISTED MATERIALS.

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4): NO LISTED MATERIALS.

SARA 311/312 - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986:

HAZARD CATEGORIES:

IMMEDIATE HAZARD: YES

DELAYED HAZARD: NO

FIRE HAZARD: NO

REACTIVITY HAZARD: NO

SARA 313 - TOXIC CHEMICALS (40 CFR 372): NO LISTED MATERIALS.

SARA 302 THRESHOLD PLANNING QUANTITY: NOT REGULATED.

OTHER FEDERAL REGULATIONS:

CLEAN AIR ACT (CAA) OZONE-DEPLETION POTENTIAL:

THIS PRODUCT NEITHER CONTAINS, NOR WAS MANUFACTURED WITH A CLASS I, OR CLASS II ODS AS DEFINED BY THE U.S. CLEAN AIR ACT SECTION 602 (40 CFR 82, SUBPT. A, APP. A+B).

US STATE REGULATIONS:

U.S. CALIFORNIA PROPOSITION 65:

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH, OR ANY OTHER REPRODUCTIVE EFFECTS.

SECTION 16 OTHER INFORMATION



NFPA RATING:

HEALTH 1
FLAMMABILITY 0
REACTIVITY 0

PREPARATION INFORMATION:

DATE CREATED: 01/01/2006

LAST REVISION: 08/28/2018

CREATED/REVISED BY: R. LASNIK

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