

ITEM: 35YL18 - PK12 Formula 66 Bio-Based Enzyme 1

MSDS: D5054

ORDER: 0158359989

LP NUMBER: U706544534

MATERIAL SAFETY DATA SHEET (MSDS)

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

SDS - D5054

Associated Grainger Items
35YL18, 35YL19

SAFETY DATA SHEET

SDS PREP DATE: 7/19/2015

SDS REVISION DATE: 7/19/2015

THIS SAFETY DATA SHEET CONTAINS ENVIRONMENTAL, HEALTH AND TOXICOLOGY INFORMATION FOR YOUR EMPLOYEES. PLEASE MAKE SURE THIS INFORMATION IS GIVEN TO THEM. IT ALSO CONTAINS INFORMATION TO HELP YOU MEET COMMUNITY RIGHT TO KNOW EMERGENCY RESPONSE REPORTING REQUIREMENTS UNDER SARA TITLE III AND MANY OTHER LAWS. IF YOU RESELL THIS PRODUCT, THIS SDS MUST BE GIVEN TO THE BUYER OR THE INFORMATION INCORPORATED IN YOUR SDS.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT ID: 100210

PRODUCT NAME: FORMULA 66(TM)

COMPANY NAME:
WERTH SANITARY SUPPLY CO., INC.
916 FESLER STREET
EL CAJON, CA 92020

PHONE NUMBER: (619) 440-2000

EMERGENCY CONTACT:
INFOTRAC: (800) 535-5053

INTENDED USE: DRAIN MAINTAINER, BATHROOM CLEANER AND DEODORIZER

SECTION 2: HAZARD(S) IDENTIFICATION

ACUTE TOXICITY - ORAL - LEVEL 5

ACUTE TOXICITY - DERMAL - LEVEL 5

EYE DAMAGE/IRRITATION - LEVEL 2B

EXCLAMATION MARK

GHS SIGNAL WORD: WARNING

GHS HAZARD PHRASES:
MAY BE HARMFUL IF SWALLOWED
CAUSES SKIN AND EYE IRRITATION.

GHS PRECAUTION PHRASES:
WASH HANDS THOROUGHLY AFTER HANDLING. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.

GHS RESPONSE PHRASES:

IF ON SKIN: GENTLY WASH WITH PLENTY OF SOAP AND WATER.

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT, BEFORE RINSING EYES.

GHS STORAGE AND DISPOSAL PHRASES:
DISPOSE OF CONTENTS AND CONTAINER ACCORDING TO THE LOCAL, CITY, STATE AND FEDERAL REGULATIONS

POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC):

INHALATION: MAY CAUSE RESPIRATORY IRRITATION.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

EYE CONTACT: CAN CAUSE SEVERE EYE IRRITATION.

INGESTION:
HARMFUL IF SWALLOWED. CAUSES GASTROINTESTINAL IRRITATION WITH NAUSEA, VOMITING AND DIARRHEA.

SECTION 3: PRODUCT COMPOSITION

INGREDIENT	CAS#	% RANGE	PEL	TLV
ALKYL POLYGLUCOSIDE	110615-47-9	1% - 5%	N/E	N/E
SODIUM LAURYL SULFATE	151-21-3	0% - 5%	N/E	N/E

SECTION 4: FIRST-AID MEASURES

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

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

THRESHOLD LIMIT VALUE: SEE SECTION III

EFFECTS OF OVER EXPOSURE: IRRITATION TO SKIN AND EYES.

EMERGENCY FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER.

EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

INHALATION: REMOVE TO FRESH AIR. SEE A PHYSICIAN IF IRRITATION PERSIST.

ORAL: CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

ADDITIONAL:
CONTACT WITH EYES WILL BE PAINFUL AND IRRITATING. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION. MIST CAUSED BY MANUFACTURING OPERATIONS MAY IRRITATE THE NASAL PASSAGES.

SECTION 5: FIRE-FIGHTING MEASURES

FIRE & EXPLOSIONS HAZARDS:
KEEP CONTAINERS COOL. USE EQUIPMENT OR SHIELDING REQUIRED TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING, VENTING CONTAINERS.

FIRE FIGHTING EQUIPMENT:
AT ELEVATED TEMPERATURES (ABOVE 120 F) CONTAINERS MAY VENT, RUPTURE, OR BURST.

EXTINGUISHING MEDIA: FOAM DRY CHEMICAL, CARBON DIOXIDE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: PICK UP FREE MATERIAL FOR RECYCLE/DISPOSAL.

WASTE DISPOSAL:
DISPOSAL SHOULD BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING:
WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

PRECAUTIONS TO BE TAKEN IN STORING:
STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM INCOMPATIBLE SUBSTANCES. AVOID RELEASE TO THE ENVIRONMENT.

OTHER PROTECTION: NONE

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

WASH HANDS AND EXPOSED AREAS THOROUGHLY AFTER HANDLING.

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

VENTILATION PROCEDURE: USE WITH ADEQUATE VENTILATION.

GLOVES PROTECTION: NEOPRENE OR NITRILE RUBBER GLOVES RECOMMENDED

RESPIRATORY PROTECTION:
WHEN APPLICABLE, WEAR A NIOSH APPROVED RESPIRATOR APPROPRIATE FOR THE VAPOR OR MIST CONCENTRATION AT THE POINT OF USE.

EYE PROTECTION: SAFETY GLASSES.

OTHER PROTECTION: NONE

SECTION 9: PRODUCT PROPERTIES

FLASH POINT (CCP): >200 F

BOILING POINT FOR PRODUCT: >212 F

VAPOR PRESSURE FOR PRODUCT: ND

VAPOR DENSITY FOR PRODUCT: >1.0

SPECIFIC GRAVITY: 1.002

V.O.C.: <1% BY WEIGHT

WATER SOLUBILITY: COMPLETE

APPEARANCE: BEIGE OPAQUE LIQUID WITH A SWEET SCENT

PH: 8.5 +/- 0.5

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY: STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
SULFUR DIOXIDE, HYDROGEN SULFIDE, NITROUS OXIDES AND AMMONIACAL VAPORS.

POLYMERIZATION: WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY TO ANIMALS:

INGREDIENT NAME CAS NUMBER TEST RESULT (ROUTE SPECIES, ETC.)

ALKYLPOLYGLYCOSIDE C8-10 110615-47-9:
ACUTE ORAL TOXICITY LD50 (MAMMAL): >5000 MG/KG

SODIUM LAURYL SULFATE 151-21-3:
ACUTE ORAL TOXICITY LD50 (RAT): 1288 MG/KG
ACUTE INHALATION TOXICITY LC50 (RABBIT): 3900 MG/KG 1 HR.

ACUTE EFFECTS SKIN MODERATELY IRRITATING TO THE SKIN.

ACUTE EFFECTS EYES MODERATELY IRRITATING TO THE EYES.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:
AMOUNT OF INGREDIENTS USED DO NOT TRIGGER TOXICITY CLASSIFICATIONS UNDER
GHS CLASSIFICATION AND LABELING REQUIREMENTS.

AQUATIC: NO DATA AVAILABLE ON FINISHED FORMULATION

TERRESTRIAL: NO DATA AVAILABLE ON FINISHED FORMULATION

PERSISTENCE AND DEGRADABILITY:
READILY BIODEGRADABLE BASED ON BIODEGRADATION PROFILE OF INGREDIENTS.

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE.

MOBILITY IN SOIL: NO DATA AVAILABLE.

SECTION 13: DISPOSAL INFORMATION

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS

WASTE DISPOSAL METHOD:
CONSULT LOCAL AUTHORITIES FOR PROPER WASTE DISPOSAL PROCEDURES. EMPTY
DE-PRESSURIZED CONTAINERS CAN NOT BE REUSED. CANS WHICH ARE PRESSURIZED
OR CONTAIN LIQUID MUST BE DISPOSED OF IN A PERMITTED WASTE MANAGEMENT
FACILITY. CONSULT FEDERAL, STATE, AND LOCAL DISPOSAL AUTHORITIES FOR
APPROVED PROCEDURES.

SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: (NOT REGULATED)

SECTION 15: REGULATORY INFORMATION

STATE OF CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.
IN ACCORDANCE WITH PROP 65, THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL(G)
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER
REPRODUCTIVE HARM. IF APPLICABLE, IARL, NPT AND OSHA CARCINOGENS AND
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION
313 ARE IDENTIFIED ABOVE WITH AN "*"

SECTION 16: OTHER INFORMATION

HMS CLASSIFICATION:
HEALTH HAZARD 1
FLAMMABILITY 0
PHYSICAL HAZARDS 0

NFPA RATING:
HEALTH HAZARD 1
FIRE 0
REACTIVITY HAZARD 0

ADDITIONAL INFORMATION ABOUT THIS PRODUCT: PPE A SAFETY GOGGLES

CONSUMER PRODUCT SAFETY ACT CERTIFICATION.

THIS PRODUCT WAS EVALUATED BY WERTH SANITARY SUPPLY CO. AND IS CERTIFIED TO
BE IN COMPLIANCE WITH THE PROVISIONS OF THE CONSUMER PRODUCT SAFETY ACT,
THE FEDERAL HAZARDOUS SUBSTANCES ACT, AND THE POISON PREVENTION PACKAGING
ACT, AS APPLICABLE. THE DATE OF MANUFACTURE IS STAMPED ON THE PRODUCT
CONTAINER. NO TESTING IS REQUIRED TO CERTIFY COMPLIANCE WITH THE ABOVE
MENTIONED REGULATION.

THE ABOVE INFORMATION IS BASED ON THE DATA OF WHICH WE ARE AWARE AND IS
BELIEVED TO BE CORRECT AS OF THE DATE HEREOF. SINCE THE INFORMATION
CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND
WITH WHICH WE MAY BE UNFAMILIAR AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO
THE DATE HEREOF MAY SUGGEST MODIFICATION OF THE INFORMATION, WE DO NOT
ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS
FURNISHED UPON CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS OWN
DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS PARTICULAR
PURPOSE.