

Common Name: 627400 HD CITRUS DGRSR R07724 4/L GAL

Manufacturer: ZEP MANUFACTURING

SDS Revision Date: 10/29/2014

SDS Format: GHS-US

Strainer Item Number(s): 34UWS

Manufacturer Model Number(s):

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ZEP INC

SAFETY DATA SHEET

627400 HD CITRUS DGRSR R07724 4/L GAL

VERSION: 1.0

REVISION DATE: 10/29/2014

PRINT DATE: 05/11/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME: 627400 HD CITRUS DGRSR R07724 4/L GAL

MATERIAL NUMBER: 0000000001041475

MANUFACTURER OR SUPPLIER'S DETAILS:

COMPANY: ZEP INC.

ADDRESS:

1310 SEABOARD INDUSTRIAL BLVD., NW

ATLANTA, GA 30318

TELEPHONE: 404-352-1680

EMERGENCY TELEPHONE NUMBERS:

FOR RES. INFORMATION:

COMPLIANCE SERVICES: 1-877-428-3937

FOR A MEDICAL EMERGENCY: 877-541-2016 TOLL FREE - ALL CALLS RECORDED

FOR A TRANSPORTATION EMERGENCY:

CHEMTREC: 800-424-9300 - ALL CALLS RECORDED.

IN THE DISTRICT OF COLUMBIA: 202-453-7816

SECTION 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE: LIQUID

COLOUR: ORANGE, CLEAR

ODOUR: CHARACTERISTIC

GHS CLASSIFICATION:

SKIN IRRITATION: CATEGORY 2

EYE IRRITATION: CATEGORY 2A

SKIN SENSITISATION: CATEGORY 1

GHS LABEL ELEMENT:

HAZARD PICTOGRAMS: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H311: CAUSES SKIN IRRITATION.

H317: MAY CAUSE AN ALLERGIC SKIN REACTION.

H319: CAUSES SERIOUS EYE IRRITATION.

PRECAUTIONARY STATEMENTS:

PREVENTION:

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY.

P264: WASH SKIN THOROUGHLY AFTER HANDLING.

P272:

CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.

P280: WEAR EYE PROTECTION/FACE PROTECTION.

P281: WEAR PROTECTIVE GLOVES.

RESPONSE:

P302 + P352:

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

P305 + P351 + P338:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES,

IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P313 + P311:

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.

P317 + P311:

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

P362: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

DISPOSAL:

P501: DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATION.

POTENTIAL HEALTH EFFECTS:

CARCINOGENICITY:

ACGIH:

NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY ACGIH.

OSHA:

NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.

NTP:

NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE: MIXTURE

HAZARDOUS COMPONENTS:

CHEMICAL NAME	CAS-NO.	CONCENTRATION [%]
CITRUS, EXT.	94266-47-4	>=5 - <10
ALCOHOLS, C10-14, ETROXYLATED	66455-15-0	>=1 - <5
ALCOHOLS, C12-16, ETROXYLATED	68551-12-2	>=1 - <5
CITRAL	5392-40-5	>=0.1 - <1

SECTION 4. FIRST AID MEASURES

GENERAL ADVICE:

MOVE OUT OF DANGEROUS AREA.

SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

DO NOT LEAVE THE VICTIM UNATTENDED.

IF INHALED:

IF UNCONSCIOUS PLACE IN RECOVERY POSITION AND SEEK MEDICAL ADVICE.

IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

IN CASE OF SKIN CONTACT:

IF SKIN IRRITATION PERSISTS, CALL A PHYSICIAN.

IF ON SKIN, RINSE WELL WITH WATER.

IF ON CLOTHES, REMOVE CLOTHES.

IN CASE OF EYE CONTACT:

IMMEDIATELY FLUSH EYE(S) WITH PLENTY OF WATER.

REMOVE CONTACT LENSES.

PROTECT UNHARMED EYE.

KEEP EYE WIDE OPEN WHILE RINSING.

IF EYE IRRITATION PERSISTS, CONSULT A SPECIALIST.

IF SWALLOWED:

CLEAR MOUTH WITH WATER AND DRINK AFTERWARDS PLENTY OF WATER.

KEEP RESPIRATORY TRACT CLEAR.

DO NOT GIVE MILK OR ALCOHOLIC BEVERAGES.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

SECTION 5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

DRY CHEMICAL

CARBON DIOXIDE (CO2)

WATER SPRAY

UNSUITABLE EXTINGUISHING MEDIA: HIGH VOLUME WATER JET

SPECIFIC HAZARDS DURING FIREFIGHTING:

DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES.

HAZARDOUS COMBUSTION PRODUCTS:

CARBON DIOXIDE (CO2)

CARBON MONOXIDE

SMOKE

SPECIFIC EXTINGUISHING METHODS:

USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

FURTHER INFORMATION:

COLLECT CONTAMINATED FIRE EXTINGUISHING WATER SEPARATELY. THIS MUST NOT BE DISCHARGED INTO DRAINS.

FIRE RESIDUES AND CONTAMINATED FIRE EXTINGUISHING WATER MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

USE PERSONAL PROTECTIVE EQUIPMENT.

ENVIRONMENTAL PRECAUTIONS:

PREVENT PRODUCT FROM ENTERING DRAINS.

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

IF THE PRODUCT CONTAMINATES RIVERS AND LAKES OR DRAINS INFORM RESPECTIVE AUTHORITIES.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA GEL, ACID BINDER, UNIVERSAL BINDER, SANDWIT).

KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

SECTION 7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING:

DO NOT BREATHE VAPOURS/DUST.

AVOID EXPOSURE - OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

AVOID CONTACT WITH SKIN AND EYES.

FOR PERSONAL PROTECTION SEE SECTION 8.

SMOKING, EATING AND DRINKING SHOULD BE PROHIBITED IN THE APPLICATION AREA.

DISPOSE OF RINSE WATER IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.

PERSONS SUSCEPTIBLE TO SKIN SENSITISATION PROBLEMS OR ASTHMA, ALLERGIES, CHRONIC OR RECURRENT RESPIRATORY DISEASE SHOULD NOT BE EMPLOYED IN ANY PROCESS IN WHICH THIS MIXTURE IS BEING USED.

CONDITIONS FOR SAFE STORAGE:

KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

CONTAINERS WHICH ARE OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE.

ELECTRICAL INSTALLATIONS / WORKING MATERIALS MUST COMPLY WITH THE TECHNOLOGICAL SAFETY STANDARDS.

MATERIALS TO AVOID: OXIDIZING AGENTS

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:

CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

NO PERSONAL RESPIRATORY PROTECTIVE EQUIPMENT NORMALLY REQUIRED.

HAND PROTECTION:

REMARKS:

THE SUITABILITY FOR A SPECIFIC WORKPLACE SHOULD BE DISCUSSED WITH THE PRODUCERS OF THE PROTECTIVE GLOVES.

EYE PROTECTION:

EYE WASH BOTTLE WITH PLENTY WATER

TIGHTLY FITTING SAFETY GOGGLES

WEAR FACE-SHIELD AND PROTECTIVE SUIT FOR ABNORMAL PROCESSING PROBLEMS.

SKIN AND BODY PROTECTION:

IMPERVIOUS CLOTHING

PROPOSE BODY PROTECTION ACCORDING TO THE AMOUNT AND CONCENTRATION OF THE DANGEROUS SUBSTANCE AT THE WORK PLACE.

HYGIENE MEASURES:

WHEN USING DO NOT EAT OR DRINK.

WHEN USING DO NOT SMOKE.

WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIQUID

COLOUR: ORANGE, CLEAR

ODOUR: CHARACTERISTIC

ODOUR THRESHOLD: NO DATA AVAILABLE

PH: NOT APPLICABLE

MELTING POINT/FREEZING POINT: NO DATA AVAILABLE

BOILING POINT: NOT DETERMINED

FLASH POINT: 93.3 DEG. C

METHOD: CLOSED CUP

EVAPORATION RATE: NOT DETERMINED

UPPER EXPLOSION LIMIT: NO DATA AVAILABLE

LOWER EXPLOSION LIMIT: NO DATA AVAILABLE

VAPOUR PRESSURE: 0.399 HPA

RELATIVE VAPOUR DENSITY: NO DATA AVAILABLE

DENSITY: 0.885 G/CM3

SOLUBILITY (IES):

WATER SOLUBILITY: EMULSIFIABLE

PARTITION COEFFICIENT N-OCTANOL/WATER: NO DATA AVAILABLE

AUTO-IGNITION TEMPERATURE: NOT DETERMINED

THERMAL DECOMPOSITION: NO DATA AVAILABLE

VISCOSITY:

VISCOSITY, KINEMATIC: 8.4 MM2/S (20 DEG. C)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: STABLE

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS:

NO DECOMPOSITION IF STORED AND APPLIED AS DIRECTED.

CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS.

INCOMPATIBLE MATERIALS: OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE AND UNBURNED HYDROCARBONS (SMOKE).

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NO DATA AVAILABLE

SKIN CORROSION/IRRITATION:

PRODUCT: REMARKS: MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS.

SERIOUS EYE DAMAGE/EYE IRRITATION:

PRODUCT: REMARKS: MAY IRRITATE EYES.

RESPIRATORY OR SKIN SENSITISATION:

PRODUCT: REMARKS: CAUSES SENSITISATION.

GERM CELL MUTAGENICITY: NO DATA AVAILABLE

CARCINOGENICITY: NO DATA AVAILABLE

REPRODUCTIVE TOXICITY: NO DATA AVAILABLE

CITRUS, EXT.:

ALCOHOLS, C10-14, ETROXYLATED:

ALCOHOLS, C12-16, ETROXYLATED:

CITRAL:

STOT - SINGLE EXPOSURE: NO DATA AVAILABLE

STOT - REPEATED EXPOSURE: NO DATA AVAILABLE

ASPIRATION TOXICITY: NO DATA AVAILABLE

FURTHER INFORMATION:

PRODUCT: REMARKS: NO DATA AVAILABLE

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NO DATA AVAILABLE

PERSISTENCE AND DEGRADABILITY: NO DATA AVAILABLE

BIOACCUMULATIVE POTENTIAL:

PRODUCT:

PARTITION COEFFICIENT N-OCTANOL/WATER:

REMARKS: NO DATA AVAILABLE

COMPONENTS:

CITRAL:

PARTITION COEFFICIENT N-OCTANOL/WATER:

POW: 2.76

MOBILITY IN SOIL: NO DATA AVAILABLE

OTHER ADVERSE EFFECTS: NO DATA AVAILABLE

PRODUCT:

REGULATION:

40 CFR PROTECTION OF ENVIRONMENT, PART 82 PROTECTION OF STRATOSPHERIC OZONE - CAA SECTION 602 CLASS I SUBSTANCES

REMARKS:

THIS PRODUCT NEITHER CONTAINS, NOR WAS MANUFACTURED WITH A CLASS I OR CLASS II O3AS AS REFERRED BY THE U.S. CLEAN AIR ACT SECTION 602 (40 CFR 82, SUBPT. A, APP. A + B).

ADDITIONAL ECOLOGICAL INFORMATION:

AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL., TOXIC TO AQUATIC LIFE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

WASTE FROM RESIDUES:

DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

THE PRODUCT SHOULD NOT BE ALLOWED TO ENTER DRAINS, WATER COURSES OR THE SOIL.

DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED CONTAINER.

CONTAMINATED PACKAGING:

EMPTY REMAINING CONTENTS.

DISPOSE OF AS UNUSED PRODUCT.

DO NOT RE-USE EMPTY CONTAINERS.

SECTION 14. TRANSPORT INFORMATION

INTERNATIONAL REGULATION:

UNRTDG: NOT REGULATED AS A DANGEROUS GOOD

ATA-DSG: NOT REGULATED AS A DANGEROUS GOOD

IMDG-CODE: NOT REGULATED AS A DANGEROUS GOOD

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE: NOT APPLICABLE FOR PRODUCT AS SUPPLIED.

NATIONAL REGULATIONS:

49 CFR: NOT REGULATED AS A DANGEROUS GOOD

SPECIAL PRECAUTIONS FOR USER: NOT APPLICABLE

SECTION 15. REGULATORY INFORMATION

EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT:

CERCLA REPORTABLE QUANTITY:

THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A CERCLA RQ.

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 304 RQ.

SARA 311/312 HAZARDS: ACUTE HEALTH HAZARD

SARA 302: