



Close this window

MSDS

Common Name: PARTS WASHER SOLVENT

Manufacturer: ZEP MANUFACTURING

MSDS Revision Date: 12/26/2012

MSDS Format: GHS-US

Grainger Item Number(s): 35YZ88, 35YZ89, 4UZE6, 4UZE7

Manufacturer Model Number(s):

MSDS Table of Contents

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

[SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION](#)

[SECTION 2. HAZARDS IDENTIFICATION](#)

[SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS](#)

[SECTION 4. FIRST AID MEASURES](#)

[SECTION 5. FIRE FIGHTING MEASURES](#)

[SECTION 6. ACCIDENTAL RELEASE MEASURES](#)

[SECTION 7. HANDLING AND STORAGE](#)

[SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION](#)

[SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES](#)

[SECTION 10. STABILITY AND REACTIVITY](#)

[SECTION 11. TOXICOLOGICAL INFORMATION](#)

[SECTION 12. ECOLOGICAL INFORMATION](#)

[SECTION 13. DISPOSAL CONSIDERATIONS](#)

[SECTION 14. TRANSPORT INFORMATION](#)

[SECTION 15. REGULATORY INFORMATION](#)

[SECTION 16. OTHER INFORMATION](#)

ZEP PROFESSIONAL

ZEP INC.

1310 SEABOARD INDUSTRIAL BLVD.

ATLANTA, GA 30318

1-877-793-7776

SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: PARTS WASHER SOLVENT

PRODUCT USE: PARTS CLEANER SOLVENT

PRODUCT CODE: R198

DATE OF ISSUE: 12/26/12

SUPERSEDES: 07/08/09

EMERGENCY TELEPHONE NUMBERS:

FOR MSDS INFORMATION:

COMPLIANCE SERVICES: 1-877-793-7776

FOR MEDICAL EMERGENCY:

(877) 541-2016 TOLL FREE - ALL CALLS RECORDED

FOR TRANSPORTATION EMERGENCY:

CHEMTREC:

(800) 424-9300 - ALL CALLS RECORDED

IN THE DISTRICT OF COLUMBIA (202) 483-7616

PREPARED BY:

COMPLIANCE SERVICES

1420 SEABOARD INDUSTRIAL BLVD.

ATLANTA, GA 30318

SECTION 2. HAZARDS IDENTIFICATION



*HAZARD DETERMINATION SYSTEM (HDS):

HEALTH 1

FLAMMABILITY 2

REACTIVITY 0

EMERGENCY OVERVIEW:

DANGER!

COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE.

NOTE:

MSDS DATA PERTAINS TO THE PRODUCT AS DELIVERED IN THE ORIGINAL SHIPPING CONTAINER(S). RISK OF ADVERSE EFFECTS ARE LESSENERED BY FOLLOWING ALL PRESCRIBED SAFETY PRECAUTIONS, INCLUDING THE USE OF PROPER PERSONAL PROTECTIVE EQUIPMENT.

ROUTES OF ENTRY: DERMAL CONTACT. INHALATION.

ACUTE EFFECTS:

EYES:

MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE IRRITATION AND REDNESS. INFLAMMATION OF THE EYE IS CHARACTERIZED BY REDNESS, WATERING AND ITCHING.

SKIN:

MAY CAUSE SKIN IRRITATION. SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING, SCALING, OR REDDENING.

INHALATION:

AVOID BREATHING VAPORS, SPRAY OR MISTS. OVER-EXPOSURE BY INHALATION MAY CAUSE RESPIRATORY IRRITATION. CAN CAUSE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION.

INGESTION:

ASPIRATION HAZARD IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE. CALL PHYSICIAN IMMEDIATELY.

CHRONIC EFFECTS:

PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS WITH DRYING AND CRACKING OF SKIN.

CARCINOGENICITY:

INGREDIENTS: NOT LISTED AS CARCINOGEN BY OSHA, NTP OR IARC.

PRODUCT/INGREDIENT NAME: NOT AVAILABLE.

ADDITIONAL INFORMATION: SEE TOXICOLOGICAL INFORMATION (SECTION 11)

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS



NAME OF HAZARDOUS INGREDIENTS	CAS NUMBER	% BY WEIGHT
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	90-100

SECTION 4. FIRST AID MEASURES



EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER, OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. CHECK FOR AND REMOVE ANY CONTACT LENSES. CONTINUE TO RINSE FOR AT LEAST 10 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT:

FLUSH AFFECTED SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INHALATION:

MOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

INGESTION:

ASPIRATION HAZARD IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. IF VOMITING OCCURS, THE HEAD SHOULD BE KEPT LOW SO THAT VOMIT DOES NOT ENTER THE LUNGS. IF AFFECTED PERSON IS CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN IMMEDIATELY.

SECTION 5. FIRE FIGHTING MEASURES



NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.):

1
2
0

FLASH POINT:

CLOSED CUP: 63 DEG. C (145.4 DEG. F)
[ASTM D 56]

FLAMMABLE LIMITS:

LOWER: 0.7%
UPPER: 7%

FLAMMABILITY: COMBUSTIBLE LIQUID AND VAPOR.

FIRE HAZARD:

COMBUSTIBLE LIQUID. IN A FIRE OR IF HEATED, A PRESSURE INCREASE WILL OCCUR AND THE CONTAINER MAY BURST, WITH THE RISK OF A SUBSEQUENT EXPLOSION. THE VAPOR/GAS IS HEAVIER THAN AIR AND WILL SPREAD ALONG THE GROUND. VAPORS MAY ACCUMULATE IN LOW OR CONFINED AREAS OR TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

FIRE-FIGHTING PROCEDURES: USE DRY CHEMICAL, CO2, WATER SPRAY (FOG) OR FOAM.

SECTION 6. ACCIDENTAL RELEASE MEASURES



SPILL CLEAN UP:

ELIMINATE ALL IGNITION SOURCES. PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). STOP LEAK IF WITHOUT RISK. MOVE CONTAINERS FROM SPILL AREA. DILUTE WITH WATER AND MOP UP IF WATER-SOLUBLE OR ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. USE SPARK-PROOF TOOLS AND EXPLOSION-PROOF EQUIPMENT.

SECTION 7. HANDLING AND STORAGE**HANDLING:**

PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE VAPOR OR MIST. DO NOT INGEST. USE ONLY WITH ADEQUATE VENTILATION. STORE AND USE AWAY FROM HEAT, SPARKS, OPEN FLAME OR ANY OTHER IGNITION SOURCE. WASH THOROUGHLY AFTER HANDLING. DO NOT REUSE CONTAINER.

STORAGE:

STORE IN ORIGINAL CONTAINER PROTECTED FROM DIRECT SUNLIGHT IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10) AND FOOD AND DRINK. ELIMINATE ALL IGNITION SOURCES. KEEP CONTAINER TIGHTLY CLOSED AND SEALED UNTIL READY FOR USE.

STORE BETWEEN THE FOLLOWING TEMPERATURES:

40 DEG. F - 120 DEG. F (4.4 DEG. C - 49 DEG. C). KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PRODUCT NAME	EXPOSURE LIMITS
--------------	-----------------

NO EXPOSURE LIMIT VALUE KNOWN.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

EYES: SAFETY GLASSES.

BODY: WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

RECOMMENDED: NEOPRENE GLOVES. RUBBER GLOVES. NITRILE GLOVES.

RESPIRATORY:

USE WITH ADEQUATE VENTILATION. PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR RESPECTIVE OCCUPATIONAL EXPOSURE LIMITS. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE.

SAFETY GLASSES

GLOVES

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID. [CLEAR.]

COLOR: COLORLESS.

PH: NOT APPLICABLE.

ODOR: SOLVENT. [SLIGHT]

BOILING POINT: 192 TO 211 DEG. C (377.6 TO 411.8 DEG. F)

VAPOR PRESSURE: 0.043 KPA(0.32 MMHg) [20 DEG. C]

SPECIFIC GRAVITY: 0.803

VAPOR DENSITY: 5.4 [AIR= 1]

SOLUBILITY:

INSOLUBLE IN THE FOLLOWING MATERIALS: COLD WATER.

EVAPORATION RATE: 0.14 (BUTYL ACETATE. = 1)

VOC (CONSUMER):

100 % (W/W)

6.7 LBS/GAL

(803 G/L)

SECTION 10. STABILITY AND REACTIVITY



STABILITY AND REACTIVITY: THE PRODUCT IS STABLE.

INCOMPATIBILITY:

AVOID CONTACT WITH STRONG OXIDIZERS, EXCESSIVE HEAT, SPARKS OR OPEN FLAME.

HAZARDOUS POLYMERIZATION:

UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES (CO, CO2)

SECTION 11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY:

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT:

LC50 INHALATION VAPOR:

RAT: >4.3 MG/L 4 HOURS

LD50 DERMAL:

RABBIT: 2000 TO 4000 MG/KG

LD50 ORAL:

RAT: >5000 MG/KG

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: NOT AVAILABLE.

AQUATIC ECOTOXICITY:

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT:

ACUTE LC50: 2200 UG/L FRESH WATER

FISH - BLUEGILL - LEPOMIS MACROCHIRUS: 35 TO 75 MM 4 DAYS

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE INFORMATION:

WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES FOR ADDITIONAL INFORMATION.

WASTE STREAM:

CLASSIFICATION: NON-HAZARDOUS WASTE

ORIGIN: HAZARDOUS WASTE REGULATION

SECTION 14. TRANSPORT INFORMATION

REGULATORY INFORMATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PG*	LABEL
------------------------	-----------	----------------------	---------	-----	-------

DOT CLASSIFICATION	NOT REGULATED.				
--------------------	----------------	--	--	--	--

IMDG CLASS	NOT REGULATED.				
------------	----------------	--	--	--	--

NOTE:

DOT CLASSIFICATION APPLIES TO MOST PACKAGE SIZES. FOR SPECIFIC CONTAINER SIZE CLASSIFICATIONS OR FOR SIZE EXCEPTIONS, REFER TO THE BILL OF LADING WITH YOUR SHIPMENT.

PG*: PACKING GROUP

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 313 TOXIC CHEMICAL NOTIFICATION AND RELEASE REPORTING:
NO PRODUCTS WERE FOUND.

CLEAN WATER ACT (CWA) 311: NO PRODUCTS WERE FOUND.

CLEAN AIR ACT (CAA) 112 REGULATED TOXIC SUBSTANCES: NO PRODUCTS WERE FOUND.

ALL COMPONENTS OF THIS PRODUCT ARE LISTED OR EXEMPT FROM LISTING ON TSCA INVENTORY.

TSCA: NO PRODUCTS WERE FOUND.

STATE REGULATIONS:

CALIFORNIA PROP 65: NO PRODUCTS WERE FOUND.

SECTION 16. OTHER INFORMATION



TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, NEITHER THE ABOVE NAMED SUPPLIER NOR ANY OF ITS SUBSIDIARIES ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.

FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

*NOTE:

HAZARD DETERMINATION SYSTEM (HDS) RATINGS ARE BASED ON A 0-4 RATING SCALE, WITH 0 REPRESENTING MINIMAL HAZARDS OR RISKS, AND 4 REPRESENTING SIGNIFICANT HAZARDS OR RISKS ALTHOUGH THESE RATINGS ARE NOT REQUIRED ON MSDSS UNDER 29 CFR 1910.1200, THE PREPARER MAY CHOOSE TO PROVIDE THEM. HDS RATINGS ARE TO BE USED WITH A FULLY IMPLEMENTED PROGRAM TO RELAY THE MEANINGS OF THIS SCALE.