



PURPLE STRIKE ELIMINATOR

SAFETY DATA SHEET

ISSUE DATE 10/02/2023

SECTION I - PRODUCT AND COMPANY IDENTIFICATION:

1.1 PRODUCT IDENTIFIER:

TRADE NAME: D(+) LIMONENE for synthesis

PRODUCT CODE: 04416

IDENTIFICATION OF PRODUCT: D(+) LIMONENE. CAS NO.:5989-27-5. EC NO.295-341-0

1.2 RELEVANT IDENTIFIED USES OF SUBSTANCE OR MIXTURE & USES ADVISED AGAINST:

USES: INDUSTRIAL/COMMERCIAL/HOUSEHOLD

1.3 DETAILS OF SUPPLIER OF SAFETY DATA SHEET:

PRECISION RESOURCE GROUP LLC

PO BOX 1006

RAYNE, LA 70578

PHONE: 337-250-1471

EMAIL: gregmorgan@prgllc.info

EMERGENCY PHONE NUMBERS:

CHEMTREC - TRANSPORTATION EMERGENCY (24 HRS): 800.424.9300

OTHER EMERGENCIES (24 HRS): 800.467.4922

SECTION II - COMPOSITION \ INFORMATION ON INGREDIENTS:

SUBSTANCE/PREPARATIONS:

D (+)LIMONENE. CAS. NO.:5989-27-5. ECNO.:205-3410. SUBSTANCE

NAME	CONTENTS	CAS NO.	EC NO.	ANNEX NO.	REACH REF.	CLASSIFICATION
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D(+)	LIMONENE ≥99%	5989-27-5	205-341-0	---	---	R10. X: R38. R43.N;R50-53
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FLAM. LIQ.3-H226. SKIN
IRRIT. 2-H315. SKIN SENS
1-H317. AQUATIC ACUTE
1-H400.AQUAT CHRONIC
1-H40

SECTION III- HAZARDS IDENTIFICATION-DSD:

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION EC 67-548 OR EC 1999-45:

CLASSIFICATION:

R10

Xi,R38

R43

N:R50-53

HAZARDS CLASS & CATEGORY CODES(S), REGULATION (EC) NO.1272/2008 (CLP):

HEALTH HAZARDS:

SKIN SENSITIZATION-CATEGORY 1-WARNING (CLP: SKIN SENSITIVITY 1) H317

SKIN IRRITATION-CATEGORY 2-WARNING (CLP: SKIN CORROSION 2)H315

PHYSICAL HAZARDS: FLAMMABLE LIQUIDS-CAT 3-WARNING (CLP: FLAMMABLE LIQUID 3) H226

ENVIRONMENTAL HAZARDS: HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD-CATEGORY 1 WARNING (CLP: AQUATIC CHRONIC 1) H410

2.2 LABEL ELEMENTS:

LABELING EC 67/548 OR EC 1999/45

SYMBOL(s): **X**

R PHRASE(s):

S24: AVOID CONTACT WITH SKIN. S37: WEAR SUITABLE GLOVES. S60: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. S61: AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEETS.

CONTAINS: D(+)LIMONENE



LABELING REGULATIONS EC 1272/2008 (CLP):

HAZARD PICTOGRAMS:



SIGNAL WORDS: WARNING

HAZARDOUS STATEMENTS:

H226: FLAMMABLE LIQUID AND VAPOR. H315: CAUSES SKIN IRRITATION. H317: MAY CAUSE AN ALLERGIC SKIN REACTION. H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PRECAUTIONARY STATEMENTS:

PREVENTION:

P240: GROUND/BOND CONTAINER AND RECEIVING EQUIPMENTS. P241: USE EXPLOSION/PROOF ELECTRICAL, VENTILATING, LIGHTING,..., EQUIPMENTS.

SEC: 3- COMPOSITION \ INFORMATION ON INGREDIENTS:

SUBSTANCE/PREPARATION:

CHEMICAL NATURE: MIXTURE

PRIMARY PRODUCT USE: SPECIALTY CLEANER

CHEMICAL NAME	CAS-NO	EC-NO	CONCENTRATION%
D-LIMONENE (citrus terpenes)	5989-27-5	205-341-0	>99%

CONTAINS NO OTHER COMPONENTS OR IMPURITIES WHICH WILL INFLUENCE THE CLASSIFICATION OF THE PRODUCT.

SECTION IV- FIRST AID MEASURES:

EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES FORCIBLY HOLDING EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE AND LID TISSUE. WASHING EYES WITHIN SEVERAL SECONDS IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN: WASH WITH LARGE QUANTITIES OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. IF CLOTHING BECOMES CONTAMINATED, REMOVE AND WASH BEFORE REUSE.

INHALATION: IF BREATHING DIFFICULTIES ARE NOTICED, REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE ONE TO TWO GLASSES OF WATER TO DRINK AND SEEK MEDICAL ATTENTION. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR AND GIVE MORE WATER. GET MEDICAL ATTENTION IMMEDIATELY.

**SECTION V - FIREFIGHTING MEASURES:**

FLASH POINT: NONE TO BOILING.

EXTINGUISHING MEDIA: PRODUCT IS NON-FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING MATERIALS.

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED.

SECTION VI- ACCIDENTAL RELEASE MEASURES:

CLEAN-UP PROCEDURES: USE APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEAN-UP. FOR SMALL SPILLS, ABSORB LIQUID WITH INERT MATERIALS SUCH AS DRY SAND, EARTH, VERMICULITE OR OTHER SUITABLE ABSORBENT MATERIALS. SWEEP UP MATERIAL AND PLACE IN APPROVED DISPOSAL CONTAINER. FLUSH AREA WITH WATER UNTIL IT NO LONGER FOAMS. EXERCISE CAUTION AS SLIPPERY CONDITIONS MAY RESULT. FOR LARGE SPILLS, CONTAIN AND COLLECT LIQUID AND PLACE IN APPROVED DISPOSAL CONTAINER. PREVENT DISCHARGE OF CONCENTRATE TO WATERWAYS. FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS. CONFER WITH THE APPROPRIATE REGULATORY AGENCY FOR SPECIFIC INSTRUCTIONS.

SECTION VII- HANDLING AND STORAGE:

HANDLING: AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING VAPOR OR MIST. KEEP AWAY FROM ACIDS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. AVOID CONTAMINATION OF PRODUCT. ENSURE THAT THE CONTAINERS ARE PROPERLY SECURED BEFORE MOVING.

STORAGE: RECOMMENDED STORAGE TEMPERATURE IS BETWEEN 35 F (2C) TO 120 F (49C) STORE PRODUCT IN ORIGINAL SHIPPING CONTAINER OR TANKS DESIGNED FOR PRODUCT STORAGE. PRODUCT PERFORMANCE IS NOT AFFECTED BY FREEZING. IF FROZEN, THAW PRODUCT AND PROVIDE SIMPLE AGITATION TO RE-MIX. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE AND SHOULD NOT BE REUSED.



SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION:

ENGINEERING CONTROLS: NO SPECIAL VENTILATION REQUIREMENTS. IT IS RECOMMENDED THAT FACILITIES STORING OR UTILIZING THIS MATERIAL BE EQUIPPED WITH AN EYE-WASHING FACILITY AND SAFETY SHOWER. WHERE ENGINEERING CONTROLS ARE NOT FEASIBLE, USE ADEQUATE LOCAL EXHAUST VENTILATION WHEREVER MIST, SPRAY OR VAPOR MAY BE GENERATED.

EYE PROTECTION: CHEMICAL GOGGLES ARE RECOMMENDED WHEN POSSIBILITY EXISTS FOR EYE CONTACT.

SKIN PROTECTION: WEAR CHEMICAL RESISTANT GLOVES. WHENEVER THERE IS A POSSIBILITY OF SPLASH OR CONTACT, WEAR A CHEMICAL RESISTANT FULL BODY SUIT AND BOOTS.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	PURPLE COLOR LIQUID
ODOR:	PLEASANT CITRUS ODOR
PH:	3.2
SPECIFIC GRAVITY:	1.02 @ 25 C
SOLUBILITY IN WATER:	100%
BOILING POINT:	GREATER THAN 212 F
FREEZING POINT:	LESS THEN 32 F

SECTION X- STABILITY AND REACTIVITY:

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH ACIDS, WATER REACTIVE MATERIALS, BURNING METALS AND ELECTRICALLY ENERGIZED EQUIPMENT.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE SUSPECTED, IDENTIFIED OR KNOWN.

HAZARDOUS POLYMERIZATION: NO DATA AVAILABLE.

SECTION XI – TOXICOLOGICAL INFORMATION:

ACUTE ORAL TOXICITY: NO DATA AVAILABLE.

ACUTE DERMAL TOXICITY: NO DATA AVAILABLE.

SECTION XII – ECOLOGICAL INFORMATION:

ECOTOXICOLOGICAL INFORMATION: NO DATA AVAILABLE

ENVIRONMENTAL FATE: THIS PRODUCT IS CONSIDERED TO BE BIODEGRADEABLE AND NOT LIKELY TO BIOACCUMULATE.



SECTION XIII – DISPOSAL CONSIDERATIONS:

DISPOSAL INFORMATION: AVOID LARGE DISCHARGES OF CONCENTRATE INTO WATERWAYS. AN EVALUATION OF YOUR SPECIFIC SITUATION SHOULD BE BASED UPON THE FACTORS AND CONDITIONS INVOLVED. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. CONSULT WITH THE APPROPRIATE REGULATORY AUTHORITIES.

SECTION XIV – TRANSPORTATION INFORMATION:

DOT SHIPPING NAME: NOT REGULATED. **DOT HAZARD CLASS:** NONE
DOT NUMBER: NONE **DOT PACKING GROUP:** NONE.

SECTION XV – REGULATORY INFORMATION:

TOXIC SUBSTANCE CONTROL ACT (TSCA): ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TCA INVENTORY.

OSHA HAZARD COMMUNICATION RULE: NOT HAZARDOUS UNDER THE CRITERIA OF FEDERAL OSHA HAZARD COMMUNICATION STANDARDS 29 CFR 19 10.1200.

SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT OF 1986 (SARA), TITLE III.
EXTREMELY HAZARDOUS SUBSTANCES (EHS) LIST.

SECTION 311 & 312:

FIRE HAZARD:	NO
REACTIVE HAZARD:	YES
RELEASE OF PRESSURE:	NO
ACUTE HEALTH HAZARD:	YES
CHRONIC HEALTH HAZARD:	NO

SECTION 313: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL COMPONENTS SUBJECT TO SECTION 313 REPORTING REQUIREMENTS.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA): THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL COMPONENTS SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA): NOT A HAZARDOUS WASTE UNDER THE CRITERIA OF RCRA.

CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL CURRENTLY KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

SECTION XVI – OTHER INFORMATION:



HMIS RATING: HEALTH 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: B

IMPORTANT NOTICE: THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200). TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS TRUE AND ACCURATE. THE MANUFACTURER WARRANTS THAT THIS PRODUCT CONFORMS TO THE TECHNICAL SPECIFICATIONS PROVIDED, THAT THIS PRODUCT IS MAINTAINED IN ITS ORIGINAL CONTAINER AND STORED AS INDICATED IN THE INSTRUCTIONS FOR USE, THE MANUFACTURER'S ONLY OBLIGATION SHALL BE TO REPLACE SUCH QUANTITY OF THE PRODUCT PROVED TO BE EFFECTIVE. BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR IT'S INTENDED USE, AND USER ASSUMES ALL RISKS AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT.