

Safety Data Sheet
Orange Solv Plus

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Orange Solv Plus
PRODUCT CODE: 3780
RECOMMENDED USE: Deodorizer/Degreaser
RESTRICTIONS ON USE: None Known
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Liquid: Category 3
Skin Irritant: Category 2
Skin Sensitization: Category 1B
Aspiration Hazard

HAZARD STATEMENT(S): DANGER: Flammable liquid and vapor Causes skin irritation May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Keep container tightly closed. Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep cool. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Isoparaffinic Hydrocarbon	64742-47-8	50-90%
d-Limonene	5989-27-5	20-40%

SECTION IV - FIRST AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

CHRONIC HEALTH HAZARDS: None known

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Contain spill, eliminate ignition sources and ventilate area. Prevent spill from entering sewers, storm drains, and natural waterways. Use non-combustible material like vermiculite, sand or earth for larger spills.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area, keep containers tightly closed and dry. Keep out of reach of children and do not store near food, drink, or animal food.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label directions exactly. Vapors may collect in low lying areas.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	Not Established	200 mg/m ³
d-Limonene	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section VIII) are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange Liquid

ODOR: Citrus-Orange scent

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

FLAMMABILITY(solid/gas): Flammable Liquid

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

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RELATIVE DENSITY (H₂O=1): 0.80-0.84
SOLUBILITY(IES): 0% in water
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.
CHEMICAL STABILITY: Stable
POSSIBLE HAZARDOUS REACTIONS: None Known
CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.
INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, burning, redness, tearing.
INGESTION: Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.
INHALATION: No hazards with normal use. May cause irritation of the respiratory tract.
SKIN: Causes localized defatting, irritation, dermatitis.
MEDICAL CONDITION AGGRAVATED: May aggravate existing dermatitis.
ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness
Oral: Aspiration risk
Skin: Prolonged or repeated contact may dry skin
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not Established
PERSISTENCE AND DEGRADABILITY: This product is biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.
RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Combustible Liquid N.O.S
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: NA 1993
PACKING GROUP: III

AIR SHIPMENT

PROPER SHIPPING NAME: For containers 2.5 gallons or smaller: Flammable Liquid, N.O.S.
For containers larger than 2.5 gallons: Flammable Liquid, N.O.S., (1,8-p-Menthadiene)
HAZARD CLASS/DIVISION: 3
UN/NA NUMBER: UN 1993
PACKING GROUP: III

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SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: For containers gallon size and smaller: Flammable Liquid, N.O.S.

For containers larger than a gallon: Flammable Liquid, N.O.S., (1,8-p-Menthadiene)

HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN 1993

PACKING GROUP: III

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

VOLATILE ORGANIC COMPOUNDS (VOC): 24.9%

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 2

HMIS FLAMMABILITY: 2

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach

DATE PREPARED: 09/18/2013

REVISION DATE: 02/26/2020

N/A = Not Applicable; N/D = Not Determined

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