

**Safety Data Sheet**  
Defense

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Defense  
**PRODUCT CODE:** 6001  
**PRODUCT USE:** Rust Preventative  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** PO Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 1-800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Liquid: Category 3

Aspiration Hazard: Category 1

Eye Irritant: Category 2b

**HAZARD STATEMENT(S):** **WARNING:** Flammable liquid and vapor May be fatal if swallowed and enters airways. Causes eye irritation.

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. Wear protective gloves. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep cool. Dispose of contents and container in accordance with local, state, and national regulations. Wash hands thoroughly after handling. 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. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up.

For large quantities: 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.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Aliphatic Petroleum Hydrocarbon	8052-41-3	60-100%
1,2,4-Trimethylbenzene	95-63-6	1-5%
1,3,5-Trimethylbenzene	108-67-8	1-5%
Xylene	1330-20-7	1-5%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

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

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**SKIN:** Wash thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops.

**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, and fatigue

Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** May cause damage to the following organs: kidneys, liver, skin, CNS depression.

**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, carbon dioxide, and alcohol foam.

**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:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**HAZARDOUS COMBUSTION PRODUCTS:**

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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

**SPILL:** Clean up with non-combustible material like vermiculite, sand or earth. If many pails are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

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

**SECTION VII – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated place. Keep cool. Wear protective gloves and eye protection. Store locked up.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** Strong oxidizers

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Aliphatic Petroleum Hydrocarbon	500 ppm	300 ppm
1,2,4-Trimethylbenzene	Not Established	Not Established
1,3,5-Trimethylbenzene	Not Established	Not Established
Xylene	100 ppm	100 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust may be required to meet TLV requirements.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Dark Amber Liquid

**ODOR:** Mineral Spirits odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** N/D

**FLAMMABILITY:** Flammable Liquid

**FLASH POINT:** 40.5°C (105°F)

**AUTOIGNITION TEMPERATURE:** >279.4°C (535.0°F)

**LOWER FLAMMABILITY LIMIT:** N/A

**UPPER FLAMMABILITY LIMIT:** N/A

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR=1):** > 1 @ 77°F (25°C)

**EVAPORATION RATE:** < 0.8 (Slow)

**SPECIFIC GRAVITY (H2O=1):** .810

**pH:** N/A

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** 0%

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## Defense

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 73%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 73%

**DIELECTRIC STRENGTH (Volts):** N/D

**DECOMPOSITION TEMPERATURE:** N/a

**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** Strong oxidizers

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** None known

**INCOMPATIBILITY:** Strong oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

**POSSIBLE HAZARDOUS REACTIONS:** None Known

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause irritation.

**INGESTION:** Swallowing small amounts of material is not likely to cause harmful effects. Swallowing large amounts may cause material to enter lungs during swallowing or vomiting. This will result in lung inflammation and other lung injuries.

**INHALATION:** May cause dizziness, headaches, drowsiness, collapse, death with excessive or prolonged exposure.

**SKIN:** May cause irritation, dryness.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin and respiratory system will be aggravated by over exposure.

**ACUTE HEALTH HAZARDS:** Inhalation: dizziness, drowsiness, weakness, and fatigue

Eye: stinging, tearing, redness

Oral: Aspiration risk

Skin: Prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** May cause damage to the following organs: kidneys, liver, skin, CNS depression.

**CARCINOGENICITY:** OSHA: Not Classified ACGIH: No NTP: No IARC: No OTHER: No

### SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not Established

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

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

### SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Petroleum distillates, n.o.s., Marine Pollutant (Mineral Spirits)

**HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN 1268

**PACKAGING GROUP:** III

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** Petroleum distillates, n.o.s., Marine Pollutant (Mineral Spirits)

**HAZARD CLASS/DIVISION:** 3

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**UN/NA NUMBER:** UN 1268

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Petroleum distillates, n.o.s., Marine Pollutant (Mineral Spirits)

**HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN 1268

**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Xylenes (1330-20-7) Reportable  
Quantity = 100 lbs

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** Xylenes - 1330-20-7

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**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 - ADDITIONAL INFORMATION**

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 11/26/2013

**REVISION DATE:** 09/24/2014

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

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability 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 hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.