



Emergency Phone: CHEMTREC 1-800-424-9300

For more Information Call:  
1-800-537-3407

# MATERIAL SAFETY DATA SHEET

## I. Product and Company Identification

**Product:** MASCO NW Bondbreaker Fast Dry

**Revision Date:** 08/29/2014

**Manufacturer:** Masons Supply Company (MASCO)  
2637 SE 12<sup>th</sup> Avenue  
Portland, OR 97202  
TEL (503) 234-4321  
FAX (503) 234-5606

## II. Hazards Identification

### HAZARD DESCRIPTION

Flammable liquid with heavy vapor that can travel with potential for flashback and distant ignition, irritating to eyes and skin. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention. Spills may cause a slipping hazard.

NPFA Rating (0 = Least, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme)

Health = 1      Fire = 3      Reactivity = 0

### HAZARD STATEMENTS

H225      Highly flammable liquid and vapor.  
H331      Toxic if inhaled.  
H303+H313      May be harmful if swallowed or in contact with skin  
H304      May be fatal if swallowed and enters airways  
H320      Causes eye irritation  
H350      May cause cancer  
H400      Very toxic to aquatic life

### PRECAUTIONARY STATEMENTS

P280      Wear protective gloves and eye and face protection.  
P301+P310      IF SWALLOWED: call a POISON CONTROL CENTER or a doctor/physician.  
P202      Do not handle until all safety precautions have been read and understood  
P210      Keep away from heat, sparks, open flames, and hot surfaces. No smoking.  
P331      Do NOT induce vomiting.  
P243      Take precautionary measures against static discharge.  
P273      Avoid release to the environment.  
P302+P352      IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338      IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek medical attention.  
P491      Collect spillage.

### GHS Classification(s)

Acute aquatic toxicity (Category 1)  
Acute Toxicity, Dermal (Category 5)  
Acute toxicity, inhalation (Category 5)  
Acute toxicity, Oral (Category 5)

Aspiration hazard (Category 1)  
Carcinogenicity (Category 1A)  
Eye Irritant (Category 2B)  
Flammable Liquids (Category 3)

**OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION**

N/A

**POTENTIAL HEALTH EFFECTS**

**Inhalation:** High vapor/aerosol concentrations (attainable at elevated temperatures well above ambient) are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

**Eyes:** Slightly irritating, but does not damage eye tissue.

**Ingestion:** Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

**Skin:** Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity. Skin contact may aggravate an existing dermatitis condition

**III. Composition Information**

COMPONENT	CAS. NO.	% BY WEIGHT
1,2,4-Trimethylbenzene	95-63-6	< 23.0 %
Cumene	98-82-8	< 1.0 %
Xylenes	1330-20-7	< 1.5 %
T-Butyl Acetate	540-88-5	< 45.0 %
Hydrocarbons	64742-95-6	< 43.0 %
Mixed Modified Oils	N/A	< 20.0 %
Isobutyl Alcohol	78-83-1	< 2.0 %

**IV. First Aid Measures**

**General Advice:** Take proper precautions to insure your own health and safety before attempting to rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**Skin:** Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing/shoes.

**Inhalation:** Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

**Eyes:** Thoroughly flush the eyes with large amounts of clean, low-pressure water for a least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.

**Ingestion:** DO NOT induce vomiting. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention. Never give anything by mouth to an unconscious individual.

**V. Fire Extinguishing Measures**

**SMALL FIRE:** Use dry chemicals, CO<sub>2</sub>, water-spray or alcohol-resistant foam.

**LARGE FIRE:** Use water spray, water fog or alcohol-resistant foam. Cool all affected containers with flooding quantities of water.

**Specific Hazards arising from the chemical (e.g. nature of any hazardous combustion products):**

Carbon Oxides expected to be the primary hazardous combustion product.

**Special protective equipment and precautions for firefighters:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.

**Flammable Properties Classification:**

OSHA/NFPA Class III Flammable Liquid.

**Flash Point:**

16°C, 61°F – Closed Cup

**VI. Accidental Release Measures****Personal precautions, protective equipment and emergency procedures:**

Do not inhale vapors, mist or gas. Insure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental Precautions:**

Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.

**Methods and materials for containment and cleaning up:**

Absorb with an inert dry material and place in an appropriate waste disposal container. Keep disposal containers closed when finished.

**VII. Handling and Storage****Precautions for safe handling:**

Do not get on skin or in eyes/. Do not inhale vapor or mist. Keep away from sources of ignition – No smoking. Take measures to prevent the buildup of electrostatic charge. Open and handle container with care. Metal containers involved in transfer of this material should be grounded and bonded.

**Conditions for safe storage, including any incompatibilities:**

Store in a tightly closed container and keep in a cool, dry, well-ventilated place. Keep container away from extreme heat and strong oxidizing agents.

**VIII. Exposure Controls / Personal Protection****Control parameters, e.g., occupational exposure limit values or biological limit values:**

N/A

**Occupational Exposure Limits:**

COMPONENT	SOURCE	TYPE	VALUE	NOTE
Cumene	US (OSHA)	TWA	50 ppm	29 CFR 1910.1000
Naphthalene	US (ACGIH)	STEL	15 ppm	ACGIH Threshold Limit Value
Naphthalene	US (OSHA)	TWA	10 ppm	29 CFR 1910.1000 Limits for Air Contaminants
Naphthalene	US (ACGIH)	TWA	10 ppm	ACGIH Threshold Limit Values
Trimethylbenzene	US (OSHA)	TWA	25 ppm	29 CFR 1910.1000 Limits for Air Contaminants
Xylenes	US (OSHA)	ppm	29 ppm	29 CFR 1910.1000 Limits for Air Contaminants
Xylenes	US (OSHA)	ppm	29 ppm	29 CFR 1910.1000 Limits for Air Contaminants
Tert-Butyl Acetate	US (ACGIH)	TWA	50 ppm	ACGIH Threshold Limit Values

**Appropriate engineering controls:**

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT****Respiratory protection:**

Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a fullface supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

**Hand Protection:**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this products. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection:**

Use chemical safety goggles and/or full face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU). Maintain eye wash fountain and quick-drench facilities in work area.

**Skin and body protection:**

Wear impervious, flame retardant, antistatic protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## IX. Physical And Chemical Properties

<b>Appearance</b>	(physical state, color, etc.) Liquid, clear, red in color
<b>Odor</b>	Mildly aromatic hydrocarbon odor
<b>Odor threshold</b>	0.07 ppm
<b>pH Specific</b>	data not available
<b>Freezing point</b>	-60°C (-76°F)
<b>Initial boiling point and range</b>	97°C – 98°C (207°F-208°F)
<b>Flash point</b>	16°C (61°F)
<b>Evaporation rate</b>	0.2 (Butyl Acetate = 1)
<b>Flammability (solid, gas)</b>	Flammable
<b>Upper/Lower flammability or explosive limits</b>	~1.5 % (V)
<b>Vapor pressure</b>	N/A
<b>Vapor Density</b>	4 (air=1)
<b>Solubility (ies)</b>	Slightly Miscible
<b>Partition coefficient n-octanol/water(ies)</b>	Specific data not available
<b>Auto-ignition temperature</b>	~471°C (880°F)
<b>Decomposition temperature</b>	Specific data not available
<b>% Solids</b>	~10%

## X. Reactivity / Stability

<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>Possibility of hazardous reactions</b>	No data available
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Carbon oxides are expected to be, under fire conditions, the primary hazardous decomposition products.

## XI. Toxicology Information

**Summary:**

No data available for the mutagenic, teratogenic, or reproductive effects of the product. No data available to designate product to cause specific target organ toxicity through single or repeated exposure.

**Acute Toxicity:**

LC50 Inhalation	Rat	2900 ppm	
LD50 Dermal	Rabbit	>3160 mg/kg	
LD50 Oral	Quail	2150 mg/kg	Behavioral changes noted through food intake by the National Technical Information Service. Vol. OTS0529435
LD50 Oral	Rat	8400 mg/kg	Behavioral change – development of tremors and general depressed activity as stated by the National Technical Information Service. Vol. OTS0534799
LD50 Inhalation	Rat	>2.23 mg/L	

**Irritation:**

**Eyes:** Mild eye irritation

**Respiratory or Skin Sensitization:** No Data Available

**Skin:** No Data Available

**Aspiration Hazard:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard

## Carcinogenicity

**IARC:** Group 2B: Possibly carcinogenic to humans

**ACGIH:** Not classifiable as a human carcinogen

**NTP:** Reasonably anticipated to be a human carcinogen

**OSHA:** No date is available

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification. Limited evidence of carcinogenicity in animal studies.

## Other Hazards

ORGAN	DESCRIPTION
Eyes	Slightly irritating but does not injure eye tissue
Ingestion	Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.
Inhalation	High vapor/aerosol concentrations (attainable at elevated temperatures well above ambient)
Skin	Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity. Skin contact may aggravate an existing dermatitis condition

## XII. Ecological Information

### ECOTOXICITY (AQUATIC AND TERRESTRIAL, WHERE AVAILABLE)

#### Acute Fish Toxicity:

LC50 / 96 h Pimephales promelas (fathead minnow) – 41 mg/L

#### Toxicity to Algae:

EC50 / 48 h / daphnia magna – 0.95 mg/L

#### Persistence and degradability:

No data available

#### Biaccumulative potential:

No data available

#### Other adverse effects:

Product can cause an environmental hazard through improper use or disposal.

## XIII. Disposal Considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Recover free liquid. Transfer to a safe disposal area in accordance with federal, state, and local regulations.

## XIV. Transportation / Shipping Data

UN Number	1993
UN Proper shipping name	Flammable Liquids, N.O.S. (T-Butyl Acetate)
Transport hazard class(es)	3
Packing group (if applicable)	III

## XV. Regulatory Information

All ingredients are on the following inventories or are exempted from listing

COUNTRY	NOTIFICATION
Australia	AICS
China	IECS
Japan	ENCS/ISHL
Korea	ECL

**SARA 302 COMPONENTS****SARA 302:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 COMPONENTS**

The following components are subject to reporting levels established by SARA title III, Section 313: 1,2,4-TRIMETHYLBENZENE 95-63-6; XYLENE 1330-20-7; CUMENE 98-82-6

**SARA 311/312 HAZARDS**

Chronic Health Hazard

Fire Hazard

**CERCLA**

Cumene Cas No. 98-82-8 RQ: 5000 lbs

m-Xylene CERCLA RQ 1000

o-Xylene CERCLA RQ 1000

p-Xylene CERCLA RQ 100 lbs

**MASSACHUSETTS RIGHT TO KNOW COMPONENTS**

1,2,4-Trimethylbenzene CAS-No. 95-63-6 Revision Date 2007-07-1

Cumene CAS-No. 98-82-8 Revision Date 2007-07-01

m-Xylene CAS-No. 108-38-3 Revision Date 2007-07-01

o-Xylene CAS-No. 95-47-6 Revision Date 2007-07-01

p-Xylene CAS-No. 106-42-3

tert-Butyl acetate CAS-No. 540-88-5 Revision Date 1993-04-24

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS**

Cumene CAS-No. 98-82-8 Revision Date 2007-07-01

m-Xylene CAS-No. 108-38-3 Revision Date 2007-07-01

o-Xylene CAS-No. 95-47-6 Revision Date 2007-07-01

p-Xylene CAS-No. 106-42-3 Revision Date 2007-07-01

tert-Butyl acetate CAS NO 540-88-5 Revision Date 1993-04-24

**NEW JERSEY RIGHT TO KNOW COMPONENTS**

1,2,4-Trimethylbenzene CAS-No. 95-63-6 Revision Date 2007-07-01

Cumene CAS-No. 98-82-8 Revision Date 2007-07-01

m-Xylene CAS-No. 108-38-3 Revision Date 2007-07-01

o-Xylene CAS-No. 95-47-6 Revision Date 2007-07-01

p-Xylene CAS-No. 106-42-3 Revision Date 2007-07-01

tert-Butyl acetate CAS NO 540-88-5 Revision Date 1993-04-24

**CALIFORNIA PROP 65 COMPONENTS**

WARNING! This product contains a chemical known to the State of California to cause cancer. Cumene

CAS-No. 98-82-8 Revision Date 2010-06-11

**XVI. Other Information****DISCLAIMER**

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