



# Bush Boake Allen Inc.

AROMA & TERPENE PRODUCTS  
MATERIAL SAFETY DATA

MATERIAL SAFETY DATA SHEET  
MSDS NO: T/A 300

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EMERGENCY INFORMATION:  
CHEMTREC 800/424/9300

MEDICAL INFORMATION  
912/236-8178

OTHER INFORMATION  
800/874-9220

DATE CREATED 03/17/93

DATE REVISED 03/10/94

## SECTION 1 IDENTIFICATION

Product name: BBA Solvent K312

CAS No: MIXTURE

Chemical Identity: Proprietary mixture based on terpenes

### Emergency Overview:

Liquid and vapors irritating to skin and eyes. Harmful if swallowed. Do not dispose of oil-soaked combustible materials (rags, paper) in an open container or trash can. Place rags in approved covered waste cans or soak with water. This product contains a minimum of 1000 mg/kg ionol.

Chemical family:

TSCA NAME Mixture

## SECTION 2 INGREDIENTS

COMPONENT	CAS NUMBER	WT%	ACGIH TLV VALUES (ppm)		
			TWA	STEL	CEILING
Mixture	-----	100.0	N.D.	N.D.	N.D.

COMPONENT	OSHA PEL VALUES (ppm)			
	TWA	STEL	CEILING	ACT LIMIT
Mixture	N.D.	N.D.	N.D.	N.D.

## SECTION 3 POTENTIAL HEALTH HAZARDS

### EYE:

Liquid and vapor irritating to eyes

### SKIN:

Liquid and vapor irritating to skin

### INHALATION:

Not Determined

## SUBCHRONIC EFFECTS:

None known

## INGESTION:

Harmful if swallowed

## CHRONIC EFFECTS:

None known

ROUTE	TEST	DOSAGE	UNITS	IRRITATION
Mixture	---	---	---	---

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SECTION 4 FIRST AID

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## INGESTION:

Seek Immediate Medical Care

## SKIN CONTACT:

Remove contaminated clothing. Wash affected areas with mild soap and water. If irritation occurs, consult physician.

## EYE CONTACT

Remove contact lenses if worn. Flush immediately with plenty of water for at least 15 minutes. Consult physician.

## INHALATION

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact physician.

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SECTION 5 FIRE AND EXPLOSION

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Flash point	142 °F (TCC)
Upper/lower flammable limits:	N.D.
Autoignition temperature:	Unknown
Flammability classification:	Not Determined
Flame propagation rate:	Not Determined
Extinguishing media:	Water fog, foam, carbon dioxide or dry chemical.

Special precautions: Toxic vapors may be released during fire:  
Respiratory protection should be provided

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SECTION 6 REACTIVITY

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Chemical stability: Stable

Conditions to avoid: Normally stable, even under fire conditions. Not reactive with water.

Incompatibilities: None known

Hazardous Decomposition Products: CO<sub>2</sub>, CO, Smoke and other unidentified organic compounds

Hazardous Polymerization: Will Not Occur

#### SECTION 7 SPILL AND LEAK PROCEDURE

In case of leak or spill:

Eliminate all sources of ignition. Stay upwind; Confine and isolate spill. Prevent liquid from entering sewers.

Large spills:

Pick up spilled material with absorbants or pump.

Small spills:

Pick up spilled material with absorbant. Flush spilled area with water.

Waste Disposal: Check Federal, State and Local Regulations.

#### SECTION 8 PERSONNEL PROTECTION/EXPOSURE CONTROLS

INHALATION:

Use only in well ventilated area

SKIN:

Use impervious (eg PVC) gloves. Use protective clothing when possibility exists for contact with sprayed material.

EYES:

Safety glasses or goggles should be worn.

ENGINEERING CONTROLS

Provide adequate exhaust ventilation.

#### SECTION 9 STORAGE AND HANDLING

Keep away from heat, sparks, and flame

Keep container closed when not in use

Use with adequate ventilation

Ground all transfer equipment

Dispose of in accordance with all local, state, and federal regulations

#### SECTION 10 PHYSICAL PROPERTIES

Appearance/state: CLEAR/PALE YELLOW LIQUID

Odor: MILD HYDROCARBON ODOR

pH: N.D.

Vapor Pressure: <2 mm HG @ 68 F C  
Vapor density: 4.7 ( AIR =1 )  
Boiling Point: 151 Deg. C at 760 mmHg  
Freezing Point: N.D.  
Solubility in water: <1%  
Specific gravity: 0.886 (WATER = 1)  
Evaporation rate: Less than 1 (Butyl Acetate = 1)  
% Volatile by volume: 100

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SECTION 11 REGULATORY INFORMATION

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EPA - Toxic Substances and Control Act (TSCA)  
The components of this product are in the TSCA inventory.

EPA - SARA Title III, Section 313 (40 CFR 372)  
This product is reasonably believed not to contain any toxic chemical(s) in quantities subject to reporting requirements of SARA (1986, Section 313, Title III) and 40 CFR Part 372.

----- DOT - Department of Transportation Hazardous Materials regulations -----

Classification:  
Proper shipping Name:  
Identification Number:  
Technical Name:  
Freight Class:

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