



Material Safety Data Sheet

SECTION 1. CHEMICAL IDENTIFICATION

TintoDeparaffinator Citrate 20X
TintoDeparaffinator EDTA 20X

PRODUCT / PART NUMBER:

BSB 0175	TintoDeparaffinator Citrate 20X, 100 ml (good for 2 Lt)
BSB 0176	TintoDeparaffinator Citrate 20X , 1000 ml (good for 20 Lt)
BSB 0177	TintoDeparaffinator EDTA 20X, 100 ml (good for 2 Lt)
BSB 0178	TintoDeparaffinator EDTA 20X, 1000 ml (good for 20 Lt)

MANUFACTURER

Bio SB
69 Santa Felicia Drive
Santa Barbara, CA 93117

EMERGENCY TELEPHONE

8 am-5 pm PST, M-F
Technical Service: (805) 692-2768
Fax: (805) 692-2769

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Name	CAS #	Concentration	Exposure Limits
d-Limonene	5989-7-5	≤ 20%	Not determined
Glycols	24800-44-0	≤ 40%	Not determined
Glycol ethers	112-34-5, 111-76-2	≤ 40%	25 ppm TWA8 ACGTIH

SECTION 3. HAZARDS IDENTIFICATION

This material is classified as dangerous according to EU Directive 1999/45/EC

Hazards

Flammable. Avoid sparks, heat, and open flame

Potential Acute Health Effects: Harmful if placed on skin, in eyes, ingested or inhaled. May cause skin irritation. May cause eye irritation.

SECTION 4. FIRST-AID MEASURES

Eye Contact: Wash thoroughly with water for at least 15 min. Obtain medical attention.

Skin Contact: Wash thoroughly with water for at least 15 min. Obtain medical attention.

Serious Skin Contact: Same as above.

Inhalation: Remove to fresh air. Obtain medical attention.

Serious Inhalation: Same as above

Ingestion: Do not induce vomiting. If person is conscious, wash mouth out with water. Obtain medical attention.

Serious Ingestion: Same as above.



SECTION 5. FIRE FIGHTING MEASURES

Classification

OSHA/NFPA Class IIIB combustible liquid

Fire Fighting Media and Instructions: Use respirator. Toxic gases can be involved. Extinguishing media: Dry chemical, foam, carbon dioxide

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small/large spills: Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Small spills can be flushed with large amounts of water; larger spills should be collected for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions: Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves.

Storage: Store in a refrigerator

Container: Do not remove from primary container

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection: Hand: Compatible chemical-resistant gloves. Eye: chemical safety goggles. Skin: Lab coat

Personal Protection in Case of a Large Spill: Same as above

Exposure Limits: Consult local authorities for acceptable exposure limits.

121 mg/m³ TWA8 ACGIH; 25 ppm TWA8 ACGIH

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Liquid, transparent colorless

Odor: Citrus

pH (1% soln/water): Not determined

Boiling Point: Not determined

Melting Point: Not determined

Vapor Pressure: Not determined

Solubility: Not miscible with water

Flashpoint: 107C

SECTION 10. STABILITY AND REACTIVITY

Material is stable and unreactive under normal conditions of use.

Conditions of Instability: acidic pH

Incompatibility with various substances: Strong oxidizers

Hazardous decomposition products: carbon monoxide, carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry: Skin, eye, mucus membrane, ingestion

Chronic Effects on Humans: May alter genetic material

Other Toxic Effects on Humans: May cause skin irritation, eye irritation, mucus membrane irritation.

May be fatal if swallowed, inhaled or absorbed through the skin. Exposure can cause nausea, headache and vomiting.

SECTION 12. ECOLOGICAL INFORMATION - Data not yet available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Observe all local or regional regulations

SECTION 14. TRANSPORTATION INFORMATION

U.S. D.O.T. Not Regulated (Non-bulk)



SECTION 15. REGULATORY INFORMATION

This product contains Glycol Ethers which, although included as a broad category on the CERCLA hazardous substance list, has not been assigned a reportable quantity.

Hazard Symbols:

Xi, N Irritant/Ecological

Risk Phrases:

R10/38/43 Combustible. Irritating to skin. May cause sensitization on contact.

R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safe Phrases:

S13 keep away from food, drink and animal feeding stuffs

S28 After contact with skin, wash immediately with plenty of soap

S36 Wear suitable protective clothing

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

SECTION 16. OTHER INFORMATION

The information contained in this Material Safety Data is believed to be accurate but it is the responsibility of the user to determine the applicability of these data to the formulation of necessary safety precautions. Bio SB shall not be held responsible for any damage resulting from the above product or the information contained in this Material Safety Data Sheet.