

Material Safety Data Sheet



MSDS Number 1575
Product Code 8N48
Revision Date 02/15/01
Supersedes Date 10/18/00

1. IDENTIFICATION

Trade Name: **GLIDSAFE® UTS-4B**

CAS Number : None (mixture)

Chemical Name: Proprietary mixture of terpene hydrocarbons, surfactants and solvents.

Physical State : Liquid. Color: Nearly colorless. Odor: Camphor-type.

Trade Secret Registrations

New Jersey; 67063600000-5058p

Headquarters: Millennium Specialty Chemicals P.O. Box 389 Jacksonville, FL 32201, USA Telephone: 904-768-5800 Fax: 904-768-2200	Europe: SCM Europe SA/NV 141 Rue St-Lambert Bte 2 B-1200 Bruxelles, Belgique Telephone: 322-771-2110 Fax: 322-722-4217
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2. COMPOSITION

CAS Number	Ingredient	Typical Wt.%
34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	1-10
872-50-4	N-METHYL-2-PYRROLIDONE	1-10
	*** PROPRIETARY INGREDIENTS ***	> 50

[Exposure Limits]

CAS Number	TWA	STEL	Ceiling
34590-94-8	100 PPM (S)	150 PPM (S)	

[EC Classifications]

Symbol(s)	Risk Phrases	Safety Phrases
Xi,N	R10-38-43-50/53	S24-37-60-61

3. HAZARDS IDENTIFICATION

Carcinogenicity

Not considered a carcinogen by NTP or IARC or OSHA.

Risks Summary

Flammable. Irritating to skin. May cause sensitization by skin contact. Very toxic to aquatic organisms.

4. FIRST AID MEASURES

Eye Contact

Flush with water for at least 15 minutes. If irritation develops, get medical attention.

Skin Contact

Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, get medical attention.

Inhalation

Seek fresh air immediately. If breathing is difficult, get medical attention.

Ingestion

Drink lots of water to dilute substance. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Means of Extinction

Carbon dioxide, dry chemical, foam. If water must be used, use as a spray only.

Unusual Fire/Explosion Hazards

Flammable liquid. Avoid heat, sparks and open flames.

Hazardous Combustion Products

Carbon dioxide, carbon monoxide, acrid fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Refer to Section 8 for personal protection equipment information.

Environmental Precautions

This product is very toxic to aquatic organisms. Do not discharge into lakes, streams, ponds or public waters.

Cleanup Procedures

Small spills should be adsorbed by dirt, sand or other suitable adsorbent. Large spills may be pumped into closed containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling

Wear safety glasses or goggles, rubber gloves and apron when handling.

Storage

Do not store in close proximity to heat, sparks, open flames, strong acids, strong bases. To minimize product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION EQUIPMENT

EXPOSURE CONTROLS

Ventilation

Not normally required. Local mechanical exhaust may be needed in confined and warm areas.

Safety Stations

An eyewash and safety shower should be readily available.

Contaminated Equipment

Clean contaminated equipment with soap and water. Do not discharge wash water into lakes, streams, ponds or public waters.

PERSONAL PROTECTION EQUIPMENT

Eye Protection

Wear safety glasses or goggles.

Hand Protection

Wear standard industrial type rubber gloves.

Skin Protection

A rubber apron is recommended when handling large quantities of this material.

Respiratory Protection

A respirator is not normally required. If the vapor concentration is high, use a NIOSH approved organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Result
Flash Point	122 deg.F (Tag Closed Cup)
pH	Not Determined.
Boiling Point	151°C (Thermal Analyzer)
Melting Point	Not Determined.
Autoignition Temperature	Not Determined.
Flammability	Not Determined.
Explosive Properties	Not Determined.
Oxidizing Properties	Not an oxidizer.
Vapor Pressure	4.5 mmHg @ 20°C
Vapor Density (Air = 1)	ca. 4.5
Evaporation Rate (Butyl Acetate = 1)	Not Determined.

Viscosity	N/D
Specific Gravity	0.866 at 25°C
Partition Coefficient (n-Octanol/Water)	Not Determined.
Solubility in Water (Weight%)	ca. 15
Solubility in Alcohol (Weight%)	Not Determined.

10. STABILITY AND REACTIVITY

Conditions to Avoid

Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

Materials to Avoid

Avoid contact with strong acids, strong bases, and materials that react with unsaturated hydrocarbons, alcohols, ethers.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, acrid fumes.

11. TOXICOLOGICAL INFORMATION

Target Organs: Skin. Primary Entry Routes: Skin.

Medical Conditions Aggravated by Overexposure

None known.

ACUTE TOXICITY

Acute Oral (LD50, rat)	Not determined.
Acute Inhalation (LC50, rat)	Not determined.
Acute Dermal (LD50, rabbit)	Not determined.
Eye Irritancy	Prolonged contact with the undiluted material may cause irritation.
Dermal Irritancy	Prolonged contact with the undiluted material may cause irritation.
Skin Sensitization	Prolonged contact may cause sensitization.

CHRONIC TOXICITY

Mutagenicity	Not determined.
Teratogenicity	Not determined.

12. ECOLOGICAL INFORMATION

Biodegradability	75.8% in 21 days using procedure CEC L33T82.
Aquatic Toxicity	Very toxic to aquatic organisms.
Mobility	Not determined.
Bioaccumulation Potential	Not determined.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	This material, if discarded, is considered a hazardous waste by EPA regulations 40 CFR 261.
Safe Handling of Wastes	Refer to Section 8 for information on personal protection equipment and exposure controls when handling this material for disposal.
Community Provisions	Dispose of this material at a government approved landfill, incinerator or recovery facility.

14. TRANSPORTATION INFORMATION

DOT Shipping Name	Flammable Liquid, n.o.s.(Terpene Hydrocarbons), 3, UN1993, PGIII
DOT Hazard Class	3
UN/NA I.D.	UN1993
Packing Group	III
ERG Number	128
ADR/RID	1993 Flammable Liquid, n.o.s.; 3,31°(c),ADR

IMDG Class	3.3 (IMDG Page 3345)
IATA Classification	Flammable Liquid, n.o.s., 3, UN1993, PGIII

15. REGULATORY INFORMATION

INVENTORIES STATUS

USA (TSCA)	Compliant
European Union	Compliant
Canada	Compliant
Australia	Compliant
Japan	Compliant
Korea	Not Compliant
Philippines	Not Determined
China	Not Determined

SARA 313 Reportables:
N-Methyl-2-pyrrolidone: 5.0%

CERCLA Reportables:
Due to its flammability characteristic, this product is CERCLA reportable if the quantity released is greater than 100 pounds.

16. OTHER INFORMATION

[Hazardous Materials Information System (HMIS)]

Health	Flammability	Reactivity	Personal Protection
1	2	1	C - See Section 8

References

RIFM - Research Institute for Fragrance Materials.
RTECS - Registry of Toxic Effects of Chemical Substances

Company Contact(s)

Environmental and Regulatory Affairs Department.

Acronyms

NTP - National Toxicology Program; IARC - International Agency For Research on Cancer; OSHA - Occupational Health and Safety Administration

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