

MATERIAL SAFETY DATA SHEET

Revision Date : 2017-01-01

1. IDENTIFICATION OF THE SUBSTANCE/TREPARATION AND THE COMPANY/UNDERTAKING

Disulfiram

Product name:	Distilliani	Distilliani	
Supplier:	BINBO BIOLO	GICAL CO.,LTD	
	FENGCHENG	ONE ROAD	
	Xi'an		
	China		
Tel:	+86-13488214	511	
2.COI	MPOSITION/INFORMATION ON INGR	EDIENTS	
Components	ACGIH Exposure Limits:	OSHA Exposure Limits:	
Disulfiram	None	None	
	3.HAZARDS IDENTIFICATION		
EMERGENCY OVERVIEW: May ca	use skin irritation and/or dermatitis		
Principle routes of exposure:	Skin		
Inhalation:	May cause irrit	ation of respiratory tract	
Ingestion:	May be harmfu	l if swallowed	
Skin contact:	May cause alle	rgic skin reaction	
Eye contact:	Avoid contact v	vith eyes	
Statements of hazard MAY CAUSE	E ALLERGIC SKIN REACTION.		
Statements of Spill of Leak Labe	l Eliminate all ignition sources. Absorb	and/or contain spill with inert materials	
(e.g., sand, vermiculite). Then place	in appropriate container. For large spi	lls, use water spray to disperse vapors,	
flush spill area. Prevent runoff from	entering waterways or sewers.		
	4. FIRST AID MEASURES		



General advice: In the case of accident or if you fell unwell, seek medical

advice immediately (show the label where possible).

Move to fresh air, call a physician immediately.

Inhalation: Rinse immediately with plenty of water and seek medical

advice

Do not induce vomiting without medical advice.

Skin contact: In the case of contact with eyes, rinse immediately with

Ingestion: plenty of water and seek medical advice.

Eye contact: No information available

Protection of first - aiders:

Medical conditions aggravated by exposure: None known

5.FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam

Specific hazards:Burning produces irritant fumes.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH (approved or equivalent)

Flash point: and full protective gear

Autoignition temperature:Not determinedNFPA ratingNot determined

NFPA Health: 1
NFPA Flammability: 1
NFPA Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Prevent product from entering drains.

Methods for cleaning up: Sweep up and shovel into suitable containers for

disposal

7. HANDLING AND STORAGE



Storage:

Room temperature

Handling:

Use only in area provided with appropriate exhaust

ventilation.

Safe handling advice: Wear personal protective equipment.

Incompatible products: Oxidising and spontaneously flammable products

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Ensure adequate ventilation.

Respiratory protection: Breathing apparatus only if aerosol or dust is formed.

Skin and body protection: Usual safety precautions while handling the product will

provide adequate protection against this potential effect.

Safety glasses with side-shields

Eye protection: PVC or other plastic material gloves

Hand protection: Handle in accordance with good industrial hygiene and

Hygiene measures: safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point/range:No Data available at this time.Boiling point/range:No Data available at this time.

Density:No data availableVapor pressure:No data availableEvaporation rate:No data availableVapor density:No data availableSolubility (in water):No data availableFlash point:Not determinedAutoignition temperature:Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours

such as carbon oxides.



Materials to avoid: Strong oxidising agents.

Conditions to avoid: Exposure to air or moisture over prolonged periods.

11. TOXICOLOGICAL INFORMATION

Product information

Acute toxicity

Components	RTECS Number:	Selected LD50s and LC50s
Disulfiram	Not Available	Not Determined

Chronic toxicity: Chronic exposure may cause nausea and vomiting,

higher exposure causes unconsciousness.

Local effects: Symptoms of overexposure may be headache,

dizziness, tiredness, nausea and vomiting.

Specific effects: May include moderate to severe erythema (redness)

and moderate edema (raised skin), nausea, vomiting,

headache

Primary irritation:

Carcingenic effects:

No data is available on the product itself.

No data is available on the product itself.

No data is available on the product itself.

Reproductive toxicity:

No data is available on the product itself.

12. ECOLOGICAL INFORMATION

Mobility:No data availableBioaccumulation:No data availableEcotoxicity effects:No data available

Aquatic toxicity: May cause long-term adverse effects in the aquatic

environment.

Components	U.S. DOT -Appendix B	-	U.S. DOT -Appendix B -	United Kingdom – The red
	Marine Pollutants		Severe Marine Pollutants	List:
Disulfiram	Not Listed		Not Listed	Not Listed

Components Germany VCI (WGK) World Health Organ	inization Ecotoxicity – Fish Species
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		(WHO) - Drinking Water	Data
Disulfiram	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity -	Freshwater	Ecotoxicity	-	Microtox	Ecotoxicity - Water Flea
	Algae Data		Data			Data
Disulfiram	Not Listed		Not Listed			Not Listed

Components	EPA – ATSDR Priority List	EPA - HPV Challenge	California - Priority Toxic
		Program Chemical List	Pollutants
Disulfiram	Not Listed	Not Listed	Not Listed

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Waste disposal must be in accordance with

appropriate Federal, State and local regulations. This product, if unaltered by use, may be disposed of treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be

hazardous.

Contaminated packaging:Do not re-use empty containers.

14. TRANSPORT INFFORMATION

UN/ld No: Not regulated

DOT

Proper shipping name: Not Regulated

TGD(Canada)

WHMIS hazard class: Non - controlled

IMDG/IMO

IMDG – Hazard Classifications Not Applicable

Components	U.S. DOT –Appendix A Table 1 – Reportable Quantities
Disulfiram	Not Listed



Components	U.S. DOT –Appendix B – Marine Pollutants	U.S. DOT -Appendix B - Severe Marine
		Pollutants
Disulfiram	Not Listed	Not Listed

IMO - labels:

15. REGULATORY INFOTMATION	

International Inventories

Components	Inventory – United States TSCA – Sect.8(b)	Canada DSL Inventory List -
Disulfiram	Not Listed	Not Listed

U.S. regulations:

Components	California	proposition	Massachusetts	New Jersey Right to	Pennsylvania
	65 -		Right to Know List:	Know List:	Right to Know
					List:
Disulfiram	NA		Not Listed	Not listed	Not listed

Components	Florida substanc	e Rhode Island Right	Illinois - Toxic Air	Connecticut -
	List:	to Know List:	Contaminants	Hazardous Air
Disulfiram	Not Listed	Not Listed	Not listed	Not listed

Components	SSARA	313	CERCLA/SARA	. –	NTP:	IARC:
	Emission		Section	302		
	reporting/Toxic		Extremely Haz			
	Release	of				
	Chemicals					
Disulfiram			Not Listed		Not listed	Not listed

16. OTHER INFORMATION

Prepared by: Health & Safety

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End of safety data sheet