

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name	M 39 Colorimetric Methamphetamine Wipe Parts A & B Mixed
REACH Substance Name	Mixture
REACH Registration Number	Mixture
SDS Date	20 August 2020

1.2 Relevant Identified Uses

Product Use	Security Screening Product
Uses Advised Against	All other uses

1.3 Supplier Details

Manufacturer	Trace Eye-D
Address	573 Interstate Blvd., Sarasota, FL 34240 USA
Phone	941.926.5045
Email	info@traceeyed.com

1.4 Emergency Telephone Number

1(866)TRACE91 (872-2391) to contact Trace Eye-D

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

This product is a mixture of a two-part packet that is mixed prior to use. This consists of a sachet containing 1.5 mL of solution completely absorbed on a polypropylene/cellulose wipe. There is no free liquid in the sachet.

CLP/GHS Classification (1272/2008)	Category
Flammable Solids Category 1	H228
Germ Cell Mutagenicity Category 2	H341
Carcinogen Category 1B	H350

2.2 Label Elements

DANGER

Hazard Statements

Code	Statement
H224	Flammable Liquid.

H341	Suspected of causing genetic defects.
H350	May cause cancer.

Precautionary Statements

Code	Statement
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from flames and hot surfaces. No smoking.
P280	Wear eye protection and protective gloves.
P370 + P378	In case of fire: Use water spray or alcohol resistant foam to extinguish.
P308 + P313	IF exposed or concerned: Get medical attention.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local and national regulations.

2.3 Other Hazards

None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product consists of a two chambered sachet that when activated contains 1.5 mL of solution completely absorbed on a polypropylene/cellulose wipe. The following information refers to that solution.

3.2 Mixture

Chemical Name	CAS / EINECS	% (w/w)	CLP/GHS Classification
Acetaldehyde	75-07-0 / 200-836-8	1-5	Flammable Liquid Cat. 1 (H224) Eye Irritation Cat. 2 (H319) STOT SE Cat. 3 (H335) Germ Cell Mutagenicity Cat. 2 (H341) Carcinogen Cat. 1B (H350) Aquatic Acute Toxicity Cat. 3 (H402)
Ethanol	64-17-5 / 200-578-6	1-5	Flammable Liquid and Vapor (H225) Eye Irritation Cat. 2 (H319) Skin Irritation (H315) Respiratory Irritation (H335) Drowsiness or Dizziness (H336) May be harmful if swallowed (H303)
Water	7732-18-5 / 231-791-2	93	Not a hazardous substance
Sodium Nitroprusside	13755-38-9 / 604-025-3	<1	Acute Toxicity Cat. 3 (H301)
Sodium Carbonate	497-19-8 / 207-838-8	<1	Eye Irritation (H319) Mild Skin Irritation (H316)

The specific chemical identity and/or exact percent is a trade secret. See Section 16 for full text of GHS hazard phrases.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First Aid Measures

Exposure Route	First Aid Instructions
Eye Contact	Flush eyes with water for several minutes while lifting the upper and lower lids. Get medical attention if irritation persists.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation or symptoms develop or persist.
Inhalation	Remove person to fresh air. If irritation or other symptoms persist, get medical attention.

Ingestion	Ingestion is unlikely due to product form. Do not induce vomiting unless directed by medical personnel. Rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.
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4.2 Most Important Symptoms and Effects

May cause mild eye and skin irritation. Suspected of causing genetic defects. May cause cancer.

4.3 Indication of Immediate Medical Attention

Immediate medical attention is not expected.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	Use water spray or alcohol resistant foam to extinguish.
5.2 Fire/Explosion Hazards	Classified as a flammable solid.
Combustion Products	Oxides of carbon, and nitrogen oxides.
5.3 Advice for Fire-Fighters	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions	If sachets are damaged, wear suitable protective clothing. Eliminate all ignition sources and ventilate the area.
6.2 Environmental Precautions	Avoid entry in storm sewers and waterways. Report spill as required by local and national regulations.
6.3 Containment and Cleanup	If sachets are damaged, carefully collect. Place in a suitable container for disposal. Clean spill area.
6.4 Reference	Refer to Section 8 for personal protective equipment, and Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling	Avoid breathing vapors. Avoid eye contact. Avoid prolonged or repeated skin contact. Wear impervious gloves. Eye protection recommended. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use. Read product instructions prior to use.
7.2 Safe Storage	Store as indicated on product packaging in a secure location. Protect containers from physical damage. Store in a cool area.
7.3 Specific End Uses	Industrial uses: None. Professional uses: Security screening product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Chemical	EU IOEL	Member State OEL	US OEL
Acetaldehyde	None Established	50 ppm TWA/STEL (AT) 25 ppm STEL (ES) 100 ppm TWA (FR) 25 ppm TWA (BE, IE) 50 ppm TWA/Ceiling (DE) 25 ppm TWA/Ceiling (DK) 25 ppm TWA, 50 ppm Ceiling (SE) 20 ppm TWA, 50 ppm Ceiling (UK)	200 ppm TWA OSHA PEL 25 ppm Ceiling ACGIH TLV
Ethanol	None Established	1000 ppm TWA	1000 ppm TWA; 1900 mg/m3 TWA 3300 ppm IDLH
Sodium Nitroprusside	None Established	None Established	None Established
Sodium Carbonate	None Established	None Established	None Established

Refer to local or national regulations for exposure limits not listed above.

8.2 Exposure Controls

Monitoring	Contact a qualified industrial hygienist for monitoring if needed.
Engineering Controls	Use with adequate ventilation. No special ventilation required for normal use.
Eye/Face Protection	Chemical safety goggles recommended if needed to avoid eye contact.
Skin Protection	Impervious clothing recommended for bulk processing and spill clean-up.
Hand Protection	Impervious gloves recommended.
Respiratory Protection	None required for normal use.
Other	Suitable eye and skin washing facilities should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

This product consists of a plastic laminate sachet containing a liquid saturated on a polypropylene/cellulose wipe. The information below refers to the liquid.

Appearance	Liquid
Odor	Not established
Odor Threshold	Not established
pH	Not established
Melting/Freezing Point	Not established
Boiling Point	Not established
Flash Point	Not established
Evaporation Rate	Not established
Flammability Limits	Not applicable (lower and upper)
Vapor Pressure	Not established
Flammability (gas, solid)	Flammable solid
Vapor Density (Air=1)	Not established
Relative Density	Not established

Solubility	Soluble in water
Octanol/Water Partition	Not established
Autoignition Temperature	Not established
Decomposition Temperature	Not established
Viscosity	Not established
Explosive Properties	None
Oxidizing Properties	None
Specific Gravity (H2O=1)	Not established

9.2 Other Information

None known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Not reactive under normal conditions.
10.2 Chemical Stability	Stable.
10.3 Hazardous Reactions	Reaction with strong oxidizers will generate heat.
10.4 Conditions to Avoid	Flames and hot surfaces.
10.5 Incompatible Materials	Incompatible with strong oxidizing agents; and strong acids and bases.
10.6 Hazardous Decomposition	Oxides of carbon, and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Route	Effects
Eye Contact	May cause mild eye irritation.
Skin Contact	May cause mild irritation.
Inhalation	No adverse effects expected during normal use.
Ingestion	Swallowing not expected due to product form. If swallowed, may cause intestinal tract irritation and nervous system effects.

Acute Toxicity

Calculated ATE: Oral LD50 2,985 mg/kg

Chemical	Acute Toxicity Data
Acetaldehyde	Oral LOEL: 675 mg/kg
Sodium Nitroprusside	Oral rat LD50: 20 mg/kg
Skin Corrosion/Irritation	Classification criteria not met.
Eye Damage/Irritation	Classification criteria not met.

Respiratory Irritation	Classification criteria not met.
Respiratory Sensitization	Classification criteria not met.
Skin Sensitization	Classification criteria not met.
Germ Cell Mutagenicity	Acetaldehyde is a suspected germ cell mutagen.
Reproductive Toxicity	Classification criteria not met.
Carcinogenicity	Acetaldehyde: IARC 2B, NTP R, EU CLP Carcinogen Cat. 1B. No other components listed.
STOT - Single Exposure	Classification criteria not met.
STOT - Repeated Exposure	Classification criteria not met.
Aspiration Toxicity	Classification criteria not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical	Aquatic Toxicity Data
Acetaldehyde	LC50 Golden orfe: 140 mg/L/96 hr; EC50 Daphnia magna: 57.4 mg/L/48 hr; EC50 P. subcapitata: >100 mg/L/72 hr
Sodium Nitroprusside	No data available.
Ethanol	LC50 Rainbow trout: 12,900-15,300 mg/L/96 hr; LC50 Rainbow trout: 11,200 mg/L/24 hr; EC50 P. phosphoreum: 34,900 mg/L/5-30 min

12.2 Persistence/Degradability	Acetaldehyde and Ethanol are readily biodegradable.
12.3 Bioaccumulative Potential	No data available. Bioaccumulation is not significant. Product is readily biodegradable.
12.4 Mobility in Soil	No data available.
12.5 PBT and vPvB Assessment	Components do not meet the criteria of PBT or vPvB.
12.6 Other Adverse Effects	None.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: TRANSPORT INFORMATION

Regulation	Status	Env. Hazards
US DOT	Not regulated	-
Canadian TDG	Not regulated	No
EU ADR/RID	Not regulated	No

IMDG	Not regulated	No
IATA/ICAO	Not regulated	No
14.6 Special Precautions	None.	
14.7 Bulk Transport (MARPOL)	Not applicable - product transported only in packaged form.	

SECTION 15: REGULATORY INFORMATION

15.1 Regulations

This SDS was prepared in compliance with Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP), US OSHA Hazard Communication 29CFR1910.1200 and Canadian WHMIS.

CERCLA	RQ of 20,000 lbs. based on Acetaldehyde RQ of 1,000 lbs. at 15% max. Report spills per federal, state and local regulations.
SARA 311/312	Refer to Section 2 for the OSHA Hazard Classification.
EPA SARA 313	Acetaldehyde (CAS 67-66-3) at 1-5%.

SECTION 16: OTHER INFORMATION

CLP/GHS Hazard Statements Reference (See Section 3)

Acute Toxicity Cat. 3	Acute Toxicity Category 3
Aquatic Acute Toxicity Cat. 3	Hazardous to Aquatic Environment - Acute Hazard Category 3
Carcinogen Cat. 1B	Carcinogenicity Category 1B
Eye Irritation Cat. 2	Eye Irritation Category 2
Flammable Liquid Cat. 1	Flammable Liquid Category 1
Germ Cell Mutagenicity Cat. 2	Germ Cell Mutagenicity Category 2
STOT SE Cat. 3	Specific Target Organ Toxicity (Single Exposure) Category 3

H-Statement Reference

Code	Hazard Statement
H224	Extremely flammable liquid and vapor
H301	Toxic if swallowed
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H402	Harmful to aquatic life

SDS Revision History	New SDS
Date of Preparation	26 August 2020
Date of Last Revision	23 December 2021

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.