

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : PlastiSolv 503 Solvent Cleaner
 Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : To remove ink.

1.3. Details of the supplier of the safety data sheet

Easiway Systems, Inc.
 540 S. River Street
 Delano, MN 55328
 Phone: 1-763-972-6306
 Web: www.easiway.com
 E-Mail: sales@easiway.com

1.4. Emergency telephone number

(800)-424-9300 CHEMTREC USA & CANADA
 +1 (703)-741-5970 CHEMTREC INTERNATIONAL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 3	H226	Carc. 2	H351
Skin Irrit. 2	H315	STOT SE 3	H336
Eye Irrit. 2A	H319	STOT SE 3	H335
Skin Sens. 1	H317	Asp. Tox. 1	H304

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US): **Danger**

Hazard statements (GHS-US): H226 - Flammable liquid and vapor; H304 - May be fatal if swallowed and enters airways; H315 - May cause skin irritation H317 - May cause an allergic skin reaction; H319 - May cause serious eye irritation; H335 - May cause respiratory irritation; H336 - May cause drowsiness or dizziness; H351 - Suspected of causing cancer

Precautionary statements (GHS-US): P201 - Obtain special instructions before use; P202 - Do not handle until all safety precautions have been read and understood; P210 - Keep away from heat, open flames, sparks. - No smoking; P233 - Keep container tightly closed; P240 - Ground/bond container and receiving equipment; P241 - Use explosion-proof electrical, lighting, ventilating equipment; P242 - Use only non-sparking tools; P243 - Take precautionary measures against static discharge; P261 - Avoid breathing vapors; P264 - Wash hands, forearms and face thoroughly after handling; P271 - Use only outdoors or in a well-ventilated area; P280 - Wear eye protection, face protection, protective clothing, protective gloves; P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER; P302+P352 - If on skin: Wash with plenty of soap and water; P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower; P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing; P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; P308+P313 - If exposed or concerned: Get medical advice/attention; P312 - Call a doctor, a POISON CENTER if you feel unwell; P321 - Specific treatment (see first aid instructions on this label); P331 - Do NOT induce vomiting; P333+P313 - If skin irritation or rash occurs: Get medical advice/attention; P337+P313 - If eye irritation persists: Get medical advice/attention; P362+P364 - Take off contaminated clothing and wash it before reuse; P370+P378 - In case of fire: Use dry extinguishing powder, carbon dioxide (CO2), foam to extinguish; P403+P233 - Store in a well-ventilated place. Keep container tightly closed; P403+P235 - Store in a well-ventilated place. Keep cool; P501 - Dispose of contents/container to a facility that complies with all local, state, regional, federal, national, and international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

Name	Product identifier	%
Naphtha, petroleum, hydrotreated heavy	(CAS No) 64742-48-9	40 - 75
D-Limonene	(CAS No) 5989-27-5	3 - 10
Diethylene glycol monobutyl ether	(CAS No) 112-34-5	25 - 50
Alcohols, C12-14-secondary, ethoxylated	(CAS No) 84133-50-6	0.1 - 3

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
- First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water. If irritation develops or persists, get medical attention.
- First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May be fatal if swallowed and enters airways. May cause skin irritation. May cause an allergic skin reaction. May cause serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer.
- Symptoms/injuries after inhalation : May cause respiratory irritation. May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : May cause skin irritation. May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : May cause serious eye irritation.
- Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.
- Chronic symptoms : Suspected of causing cancer.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Dry powder. Water spray. Sand.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapour.
- Explosion hazard : Heating may cause an explosion.
- Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

- Precautionary measures fire : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

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6.2. Environmental precautions

Prevent entry to untreated waste streams and public waters. Notify authorities if liquid enters untreated waste streams and or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Eliminate ignition sources. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel spills into appropriate container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid breathing vapours, mist. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Keep the container tightly closed. Avoid temperature extremes.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Alcohols, C12-14-secondary, ethoxylated (84133-50-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Diethylene glycol monobutyl ether (112-34-5)	
ACGIH TWA (ppm)	10 (inhalable fraction and vapor)
Remark (OSHA)	OELs not established
D-Limonene (5989-27-5)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment :



Eye protection : Wear safety glasses with side shields (or goggles). Use a face shield, if necessary.

Skin and body protection : Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed – apron, suit, boots.

Respiratory protection : NIOSH-approved (or equivalent) respirators may be necessary if airborne concentrations are expected to exceed exposure limits.

Other Protective Equipment : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Clear.
Odor	: Ether-like.
Odor Threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 48 °C (118 °F) (Pensky-Martens)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Heavier than air
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 817 g/l (6.8 lbs/gallon) theoretical
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SECTION 10: Stability and reactivity

10.1. Reactivity	: No dangerous reactions known under normal conditions of use
10.2. Chemical stability	: Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of hazardous reactions	: None known.
10.4. Conditions to avoid	: None known.
10.5. Incompatible materials	: Strong oxidizers..
10.6. Hazardous decomposition products	: Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
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Naphtha, petroleum, hydrotreated heavy (64742-48-9)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
Diethylene glycol monobutyl ether (112-34-5)	
LD50 oral rat	3384 mg/kg
LD50 dermal rabbit	2700 mg/kg
ATE CLP (oral)	3384.000 mg/kg bodyweight
ATE CLP (dermal)	2700.000 mg/kg bodyweight
D-Limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Alcohols, C12-14-secondary, ethoxylated (84133-50-6)	
LD50 oral rat	2100 mg/kg

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Skin corrosion/irritation	: May cause skin irritation. pH: Neutral
Serious eye damage/irritation	: May cause serious eye irritation. pH: Neutral
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness. May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: May cause skin irritation. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: May cause serious eye irritation.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.
Chronic symptoms	: Suspected of causing cancer.

SECTION 12: Ecological information

Ecology - general : No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with DOT

Not DOT regulated for domestic ground transportation unless greater than 119 gallons (450 liters).

Transport document description : UN1993 Flammable liquids, n.o.s. (Contains: Naphtha; Terpene hydrocarbons), 3, III

UN-No.(DOT) : 1993

DOT NA no. : UN1993

Proper Shipping Name (DOT) : Flammable liquids, n.o.s.
Contains: Naphtha; Terpene hydrocarbons

Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : III - Minor Danger

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

In accordance with DOT : Not hazardous for transport

Other information : No supplementary information available.

Transport by Sea : Not regulated for sea transportation.

Air transport : Not regulated for air transportation.

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SECTION 15: Regulatory information

15.1. US Federal regulations

PlastiSolv 503 Solvent Cleaner	
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
Diethylene glycol monobutyl ether (112-34-5)	
Section 302 (EHS) TPQ	
Section 304 EHS RQ	
CERCLA RQ	
Section 313	Listed on US SARA Section 313

15.2. International regulations

No additional information available.

15.3. US State regulations

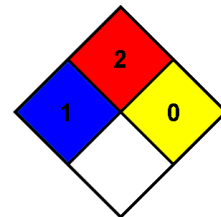
California Proposition 65

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

Indication of changes : Revision 3.0 Change name
Revision date : 01/11/2017

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
NFPA specific hazard:



HMIS III Health: 1 - Irritation or minor reversible injury possible.
HMIS III Flammability: 2 - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 °F (38 °C) but below 200 °F (93 °C).
HMIS III Physical: 0 - Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.
HMIS III Personal Protection: H - Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.

Health	1
Flammability	2
Reactivity	0
Personal Protection	H

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