

Acid Test Kit™

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Acid Test Kit™

OTHER MEANS OF IDENTIFICATION:

ATK-1; ATK-4

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:

DiversiTech Corporation
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Suite 600
Duluth, GA 30097

INFORMATION PHONE #:

1 800.995.2222

EMERGENCY PHONE #:

1 800.255.3924 Chem-Tel
(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Flammable Liquid, category 2
Eye Irritation, category 2a
Skin Irritation, category 2
STOT-SE, category 3 (drowsiness)
STOT-RE, category 2
Reproductive Toxicity, category 2

HAZARD SYMBOL(S):



SIGNAL WORD: Danger

HAZARD STATEMENT(S)

- H225 Highly flammable liquid and vapor.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H361 Suspected of damaging fertility or the unborn child.
- H370 Causes damage to organs, eyes, skin, respiratory system, central nervous system.

PRECAUTIONARY STATEMENT(S)

- P102 Keep out of reach of children.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.

RESPONSE

- P301+310 **IF SWALLOWED:** Immediately call a poison control center. Do NOT induce vomiting.
- P331 **Do NOT** induce vomiting.
- P303+361+353 **IF ON SKIN (or hair):** Take off immediately all contaminated clothing, and wash it before reuse.
- P364 **If skin irritation occurs,** get medical attention.
- P332+313 Wash with plenty of water.
- P352 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P305+351+228 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+313 **If eye irritation persists:** Get medical advice.
- P304+340 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
- P308+313 **If exposed,** call a poison control center.
- P321 **Specific treatment (see FIRST AID section on this label).**
- P370+378 **IN CASE OF FIRE:** Use foam or Carbon Dioxide extinguishing media to extinguish.

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- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P235 Keep cool.
- P240 Ground or bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting, and other equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe vapors.
- P261 Avoid breathing mists or vapors.
- P264 Wash hands and exposed skin thoroughly after handling.
- P270 Do not eat, drink, or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye protection.
- P403 Store in a well-ventilated place.
- P405 Store locked up.
- P501 Dispose of container in accordance with local regulations.

HAZARD(S) NOT OTHERWISE CLASSIFIED:
None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
Toluene	108-88-3	45-55%	Flam Liq. 2; Skin Irrit. 2; Repro 2; STOT-SE3(d); STOT-RE2; Asp 1
Methanol	67-56-1	40-45%	Flam Liq. 2; Acute Tox 3; STOT-SE1
Isopropyl Alcohol	67-63-0	5-15%	Flam Liq. 2; Eye Irrit. 2a; STOT-SE3(d)

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

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NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing. If breathing is difficult, give oxygen.

IF IN EYES:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper lids occasionally.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Not anticipated to require immediate medical attention.

MOST IMPORTANT SYMPTOMS:

Burning sensation in nose and throat, stinging and watering in the eyes. Dizziness, nausea and vomiting. Defatting and drying of the skin. If aspirated, causes coughing, gagging, distress, and rapidly developing pulmonary edema.

IF ON SKIN:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

IF SWALLOWED:

DO NOT INDUCE VOMITING! Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Apply alcohol-type or all-purpose foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

SPECIFIC HAZARDS:

Vapors may travel to source of ignition and flash back. Vapors may settle in low or confined spaces or produce a floating fire hazard. Static ignition hazard can result from handling and use.

SPECIAL PROTECTIVE EQUIPMENT:

In case of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Use water spray to keep fire-exposed containers and structures; Use water spray to disperse vapors – reignition is possible.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S):

Eliminate all ignition sources. Ground all equipment. Do not walk through spill. Prevent entry into sewers, confined spaces, etc.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

For large spills, use a vapor suppressing foam to reduce vapors. Absorb spill with noncombustible matter and transfer to containers. Use non-sparking tools to collect absorbed material.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling. Ensure there is sufficient ventilation of the area. Protect from physical damage.

STORAGE INCOMPATIBILITIES:

Heat, sparks, and flame.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a cool, well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container. Sudden releases of hot organic vapors or mists from process equipment operating at elevated temperature may result in ignitions without the presence of obvious ignition sources. Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Toluene

Methanol

Isopropyl Alcohol

CAS No.

108-88-3

67-56-1

67-63-0

PEL

200 ppm

200 ppm

400 ppm

AGCIH

20 ppm

200 ppm

200 ppm

NIOSH

100 ppm

200 ppm

400 ppm

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

EYE/FACE PROTECTION:

Use chemical safety goggles and/or a full-face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

RESPIRATORY PROTECTION:

Use in a well-ventilated area. If vapors are generated and exceed the exposure limits, use air-purifying respirators.

APPROPRIATE ENGINEERING CONTROLS:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

SKIN PROTECTION:

Wear rubber, neoprene, nitrile, Saranex® boots, gloves, lab coat, apron or coveralls, as necessary and appropriate, to prevent skin contact.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Maroon/purplish liquid.	ODOR:	Alcohol-like.
pH:	Not determined.	ODOR THRESHOLD:	Not determined.
MELTING POINT:	Not determined.	BOILING POINT:	82°C.
FLASHPOINT:	12°C.	EVAPORATION RATE:	1.7.
FLAMMABILITY:	Not determined.	UPPER EXPLOSIVE %:	12.7°C.
VAPOR PRESSURE:	33 mm Hg.	LOWER EXPLOSIVE %:	2.0°C.
VAPOR DENSITY:	2.1.	RELATIVE DENSITY:	Not determined.
SOLUBILITY:	Miscible.	PARTITION COEFFICIENT:	Not determined.
AUTO-IGNITION:	399°C.	DECOMPOSITION TEMP:	Not determined.
VISCOSITY:	Not determined.		

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: Not anticipated to be reactive.	CHEMICAL STABILITY: Chemical is anticipated to be stable in normal storage conditions.
HAZARDOUS REACTIONS: Will not occur.	CONDITIONS TO AVOID: Extreme heat, incompatibles.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, and strong acids.	HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES: Oral – 2637.8 mg/kg bw Dermal – 2220 mg/kg bw Inhalation – 284.9 mg/l	SKIN CORROSION/IRRITATION: Contains an ingredient applicable to this category.
SENSITIZATION: Respiratory: Contains no ingredient(s) applicable to this category. Skin: Contains no ingredient(s) applicable to this category.	EYE DAMAGE/IRRITATION: Contains an ingredient applicable to this category.
REPRODUCTIVE TOXICITY: Contains an ingredient applicable to this category.	GERM CELL MUTAGENICITY: Contains no ingredient(s) applicable to this category.
ASPIRATION HAZARD: Contains an ingredient applicable to this category.	CARCINOGENICITY: Contains no ingredient(s) applicable to this category.
SYMPTOMS RELATED TO CHARACTERISTICS: Not determined.	SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Contains an ingredients applicable to this category.
	SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Contains an ingredient applicable to this category.

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NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

INTERNATIONAL AGENCY FOR RESEARCH ON
CANCER LISTING:
No ingredients listed.

DELAYED AND IMMEDIATE EFFECT FROM SHORT-
AND LONG-TERM EXPOSURE:
Overexposure to methanol may cause eye damage and
liver or kidney injury.
Lasting impairments in intellectual function,
incoordination, and hearing and color vision loss may
occur with repeated occupational exposure to low-to-
moderate air levels of toluene over time.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:
Algae – Contains no ingredient(s) considered toxic.
Fish – Contains no ingredient(s) considered toxic.
Crustacea – Contains no ingredient(s) considered
toxic.

MOBILITY IN SOIL:
From soil, substance evaporates and is microbially
biodegraded.

PERSISTENCE AND DEGRADABILITY:
Biodegradable.

BIOACCUMULATIVE POTENTIAL:
No data available.

OTHER ADVERSE EFFECTS:
None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:
Vapors may collect in empty containers. Treat empty containers as hazardous. Please recycle container with a
licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:
Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on
disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:



UN NUMBER: 1993
LTD QTY: <1 L

UN PROPER SHIPPING NAME: Flammable Liquid,
n.o.s.
HAZARD CLASS: 3
PACKAGING GROUP: II
ENVIRONMENTAL HAZARD: No.
TRANSPORT IN BULK: Not determined.
SPECIAL PRECAUTIONS: Do not ship with
excessive weight on
top. Keep in original
containers.

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SECTION 15. REGULATORY INFORMATION

SARA:

311 – Isopropyl Alcohol; Methanol; Toluene.

312 – Isopropyl Alcohol; Methanol; Toluene.

313 – Isopropyl Alcohol; Methanol; Toluene.

TSCA INVENTORY LIST:

Each ingredient is on the TSCA inventory list as ACTIVE.

RIGHT-TO-KNOW:

No applicable ingredient(s).

CALIFORNIA:

Prop 65: No applicable ingredient(s).

ARB Designation: Not applicable.

VOC Limit: Not applicable.

HMIS®III: (higher numbers indicate higher risk)

Health, 3

Flammability, 3

Physical Hazard, 0

NFPA®: (higher numbers indicate higher risk)

Health, 3

Flammability, 2

Instability, 0

SECTION 16. OTHER INFORMATION

REVISION: 3

REVISION DATE: May 25, 2021

REVISION PURPOSE:

Correction of document due to new information about ingredients.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

SDS AUTHORED BY:

Cogwork Consulting Group

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