# Safety Data Sheet

**Issue Date:** 19-Mar-2018 **Revision Date:** 19-Mar-2018 **Version** 1

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** On The Spot Gun Cleaner

**Other means of identification**

**SDS #** NAP00068A

**Product Code** 50219

**UN/ID No** UN1993

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Gun Cleaner.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

North America Polymer Company, Ltd.
7315 Hamlin Ave
Skokie, IL 60076 USA

**Emergency Telephone Number**

**Company Phone Number** 800-888-1081 / 847-779-6464

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear transparent liquid **Physical state** Liquid **Odor** Typical

**Classification**

| | |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Reproductive toxicity | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Specific target organ toxicity (repeated exposure) | Category 2 |
| Aspiration toxicity | Category 1 |
| Flammable Liquids | Category 2 |

**Hazards Not Otherwise Classified (HNOC)**

May be harmful if swallowed

**Signal Word**

**Danger**

**Hazard statements**

Causes skin irritation
Causes serious eye irritation
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways
Highly flammable liquid and vapor

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool

**Precautionary Statements - Response**
If exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
If skin irritation occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do not induce vomiting
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Other hazards**
Toxic to aquatic life with long lasting effects

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please also refer to subsequent sections of this SDS for additional information regarding the components of this product.

| Chemical Name | CAS No | Weight-% |
|---|---|---|
| Acetone | 67-64-1 | 50-75 |
| Toluene | 108-88-3 | 10-25 |

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

## 4. FIRST-AID MEASURES

**First Aid Measures**

**General Advice** Provide this SDS to medical personnel for treatment.

**Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin Contact** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation develops or persists seek medical attention. Wash contaminated clothing before reuse.

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. Keep victim warm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion** Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Immediately call a poison center or doctor/physician.

**Most important symptoms and effects**

**Symptoms** Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be harmful if swallowed. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Direct contact with skin may cause irritation, defatting, or possible dermatitis.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Water spray (fog). Carbon dioxide (CO2). Foam. Dry chemical.

**Unsuitable Extinguishing Media** Water jet.

**Specific Hazards Arising from the Chemical**
Highly flammable liquid and vapor. Vapors may travel to source of ignition and flash back.

**Explosion Data**
**Sensitivity to Static Discharge** Prevent electrostatic charge build-up by using common bonding and ground techniques.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Dike runoff to prevent from entering drains, sewers, or water courses. Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Evacuate personnel to safe areas. Ventilate area of leak or spill. Remove sources of ignition. Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions**

**Environmental precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

**Methods for Clean-Up** Use clean non-sparking tools to collect absorbed material. Sweep up and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands, and any exposed skin thoroughly after handling. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Keep cool. Always open containers slowly to allow any excess pressure to vent. After opening, purge container with nitrogen before reclosing.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Storage under nitrogen atmosphere is recommended. Do not allow to evaporate to near dryness. Protect from direct sunlight. Potential peroxide former. If peroxide formation is suspected, do not open or move container. Store locked up. Do not load into compartments adjacent to heated cargo.

**Incompatible Materials** Alkalis. Halogens. Strong oxidizing agents. Acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Acetone<br>67-64-1 | STEL: 500 ppm<br>TWA: 250 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m$^3$<br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m$^3$<br>(vacated) STEL: 2400 mg/m$^3$<br>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m$^3$ |
| Toluene<br>108-88-3 | TWA: 20 ppm | TWA: 200 ppm<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 375 mg/m$^3$<br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 560 mg/m$^3$<br>Ceiling: 300 ppm | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m$^3$<br>STEL: 150 ppm<br>STEL: 560 mg/m$^3$ |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

| | |
|---|---|
| **Eye/Face Protection** | Use chemical safety glasses, goggles, and face shields for eye protection. Refer to 29 CFR 1910.133 for eye and face protection regulations. |
| **Skin and Body Protection** | Wear apron, boots, or whole body suit, as appropriate. Impervious protective gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection. |
| **Respiratory Protection** | Wear a MSHA/NIOSH approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Refer to 29 CFR 1910.134 for respiratory protection requirements. |
| **General Hygiene Considerations** | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Liquid | | |
| **Appearance** | Clear transparent liquid | **Odor** | Typical |
| **Color** | Clear | **Odor Threshold** | Not determined |

| **Property** | **Values** | **Remarks • Method** |
|---|---|---|
| **pH** | Not determined | |
| **Melting Point/Freezing Point** | Not determined | |
| **Boiling Point/Boiling Range** | 55.55 °C | |
| **Flash Point** | -16 °C | |
| **Evaporation Rate** | Not determined | |
| **Flammability (Solid, Gas)** | Not determined | |
| **Flammability Limits in Air** | | |
| **Upper Flammability Limits** | 12.8% | |
| **Lower Flammability Limit** | 1% | |
| **Vapor Pressure** | Not determined | |
| **Vapor Density** | Not determined | |
| **Relative Density** | Not determined | |
| **Water Solubility** | Partially soluble | |
| **Solubility in other solvents** | Not determined | |
| **Partition Coefficient** | Not determined | |
| **Auto-ignition Temperature** | Not determined | |
| **Decomposition Temperature** | Not determined | |
| **Kinematic Viscosity** | Not determined | |
| **Dynamic Viscosity** | Not determined | |
| **Explosive Properties** | Not determined | |
| **Oxidizing Properties** | Not determined | |

**Other Information**

**Density** 0.841 g/cm^3

## 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Hazardous Polymerization** No information available.

**Conditions to Avoid**
Keep away from heat, sparks, and open flame. Avoid impact, friction, and static electricity. Keep out of reach of children. Exposure to air. Static discharge.

**Incompatible Materials**
Alkalis. Halogens. Strong oxidizing agents. Acids.

**Hazardous Decomposition Products**
Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants. Other toxic gases.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact** Causes serious eye irritation. Eye contact may result in redness, tearing and swelling.

**Skin Contact** Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**Inhalation** May cause drowsiness or dizziness. May cause irritation to the mucous membranes and upper respiratory tract.

**Ingestion** May be harmful if swallowed. May be fatal if swallowed and enters airways.

**Component Information**

| Chemical Name | ATEmix (oral) | ATEmix (dermal) | Inhalation LC50 |
|---|---|---|---|
| Acetone<br>67-64-1 | = 5800 mg/kg ( Rat ) | - | = 50100 mg/m$^3$ ( Rat ) 8 h |
| Methoxyisopropyl acetate<br>108-65-6 | = 8532 mg/kg ( Rat ) | > 5 g/kg ( Rabbit ) | - |
| Toluene<br>108-88-3 | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L ( Rat ) 4 h |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Toluene<br>108-88-3 | | Group 3 | | |

**Legend**
***IARC (International Agency for Research on Cancer)***
*Group 3 IARC components are "not classifiable as human carcinogens"*

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**STOT - single exposure** May cause drowsiness or dizziness.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document** .

**ATEmix (oral)** 3,925.00 mg/kg

**ATEmix (dermal)** 14,118.00 mg/kg

**ATEmix (inhalation-gas)** 2,800.00 mg/L

**ATEmix (inhalation-dust/mist)** 36.40 mg/L

**ATEmix (inhalation-vapor)** 44.00 mg/L

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Acetone<br>67-64-1 | | 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50 | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50 |
| Methoxyisopropyl acetate<br>108-65-6 | | 161: 96 h Pimephales promelas mg/L LC50 static | 500: 48 h Daphnia magna mg/L EC50 |
| Toluene<br>108-88-3 | 433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 54: 96 h Oryzias latipes mg/L LC50 static | 11.5: 48 h Daphnia magna mg/L EC50 5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name | Partition Coefficient |
|---|---|
| Acetone<br>67-64-1 | -0.24 |
| Methoxyisopropyl acetate<br>108-65-6 | 0.43 |
| Toluene<br>108-88-3 | 2.65 |

**Other Adverse Effects**
Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**US EPA Waste Number**

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|---|---|---|---|
| Acetone<br>67-64-1 | | Included in waste stream:<br>F039 | | U002 |
| Toluene<br>108-88-3 | U220 | Included in waste streams:<br>F005, F024, F025, F039, K015, K036, K037, K149, K151 | | U220 |

| Chemical Name | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes | RCRA - K Series Wastes |
|---|---|---|---|---|
| Toluene<br>108-88-3 | | | Toxic waste<br>waste number F025<br>Waste description:<br>Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | |

**California Hazardous Waste Status**
This product contains one or more substances that are listed with the State of California as a hazardous waste

| Chemical Name | California Hazardous Waste Status |
|---|---|
| Acetone<br>67-64-1 | Ignitable |
| Toluene<br>108-88-3 | Toxic<br>Ignitable |

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

**UN/ID No** UN1993
**Proper Shipping Name** Flammable liquid, n.o.s (Acetone, Toluene)
**Hazard Class** 3
**Packing Group** II

**IATA**

| | |
|---|---|
| **UN/ID No** | UN1993 |
| **Proper Shipping Name** | Flammable liquid, n.o.s (Acetone, Toluene) |
| **Hazard Class** | 3 |
| **Packing Group** | II |

**IMDG**

| | |
|---|---|
| **UN/ID No** | UN1993 |
| **Proper Shipping Name** | Flammable liquid, n.o.s (Acetone, Toluene) |
| **Hazard Class** | 3 |
| **Packing Group** | II |

## 15. REGULATORY INFORMATION

**International Inventories**

| | |
|---|---|
| **TSCA** | Complies |
| **DSL/NDSL** | Complies |
| **EINECS/ELINCS** | Complies |
| **ENCS** | Complies |
| **IECSC** | Complies |
| **KECL** | Complies |
| **PICCS** | Complies |
| **AICS** | Complies |

**Legend:**

***TSCA*** *- United States Toxic Substances Control Act Section 8(b) Inventory*

***DSL/NDSL*** *- Canadian Domestic Substances List/Non-Domestic Substances List*

***EINECS/ELINCS*** *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

***ENCS*** *- Japan Existing and New Chemical Substances*

***IECSC*** *- China Inventory of Existing Chemical Substances*

***KECL*** *- Korean Existing and Evaluated Chemical Substances*

***PICCS*** *- Philippines Inventory of Chemicals and Chemical Substances*

***AICS*** *- Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Acetone<br>67-64-1 | 5000 lb | | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Toluene<br>108-88-3 | 1000 lb 1 lb | | RQ 1000 lb final RQ<br>RQ 454 kg final RQ RQ 1 lb final RQ<br>RQ 0.454 kg final RQ |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Toluene - 108-88-3 | 108-88-3 | 10-25 | 1.0 |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Toluene | 1000 lb | X | X | X |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|---|---|
| Toluene - 108-88-3 | Developmental |

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Acetone<br>67-64-1 | X | X | X |
| Toluene<br>108-88-3 | X | X | X |

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** | **Flammability** | **Instability** | **Special Hazards** |
| | Not determined | Not determined | Not determined | Not determined |
| **HMIS** | **Health Hazards** | **Flammability** | **Physical hazards** | **Personal Protection** |
| | 2 | 3 | 0 | X |

**Issue Date:** 19-Mar-2018
**Revision Date:** 19-Mar-2018
**Revision Note:** New Product

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**