



SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200 AND SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 PUBLIC LAW 99-499. STANDARD SHOULD BE CONSULTED FOR SPECIFIC REQUIREMENTS.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME OF PRODUCT: US FORGE – Anti-Spatter Spray
PART NUMBERS: 01602

**MANUFACTURER/
SUPPLIER:** US FORGE
N94 W14355 GARWIN MACE DRIVE
MENOMONEE FALLS, WI 53051 USA

TELEPHONE NUMBER (262) 255-5157 or Toll Free (800) 343-3758
FAX NUMBER: (262) 255-2374
US FORGE WEBSITE: www.us-forge.com

PRODUCT USE: Chemical Aid – Anti-spatter spray used in welding applications

SECTION 2: HAZARDS IDENTIFICATION

Non-flammable

EMERGENCY OVERVIEW: WARNING - Contents under pressure. Slightly irritating to the eyes.

Store below 120 °F (49 °C) and out of sunlight and away from heat sources. Do not puncture or incinerate.

APPEARANCE AND ODOR: Dark orange liquid with no odor.

ROUTES OF ENTRY: Primary route of entry is the respiratory system. Other possible routes are eyes, ingestion, and/or skin contact.

POTENTIAL HEALTH EFFECTS:

EYES: Contact with eyes may cause irritation.

SKIN: Frequent or prolonged contact may irritate the skin and cause redness of skin. Pre-existing skin conditions may be aggravated by exposure.

INGESTION: Very slight irritant if ingested.

INHALATION: Inhalation is not expected to cause health effects.

GHS pictograms: None required

Hazard statements: None

Precautionary statements

P285 In case of inadequate ventilation wear respiratory protection.

P314 Get medical advice/attention if you feel unwell.

P280 Wear protective clothing/eye protection/face protection.

P202 Do not handle until all safety precautions have been read and understood.

Before using this product, contact your doctor to determine if exposure to product or use of this product will aggravate your medical conditions.



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

IMPORTANT: This section covers the materials from which these products are manufactured. This product does **NOT** contain any chemicals or compounds subject to reporting under Title III, in Section 313, of the Superfund Amendments and Reauthorization Act (SARA).

Hazardous Ingredients: None (Ingredients and percentages are classified and claimed as trade secret)

Propellant: Nitrogen

VOC: 3.18 %

Judgment based on indirect test data.

Hazardous as per OSHA: Aerosol container.

SECTION 4: FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES: Call for medical aid and inform them of the ingredients from Section 3. Employ first aid techniques recommended by The American Red Cross.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention.

INGESTION: Do NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

SECTION 5: FIRE FIGHTING MEASURES

This product is not flammable in accordance with aerosol flammability definitions (see 16 CFR 1500.3 (c) (6)).

GENERAL HAZARD: Containers can rupture and explode under fire conditions due to pressure and vapor buildup.

FLASH POINT: None

AUTOIGNITION TEMPERATURE: Not Determined

UPPER EXPLOSIVE LIMIT: Not Determined

LOWER EXPLOSIVE LIMIT: Not Determined

EXTINGUISHING MEDIA: water, foam, or dry chemical appropriate for the surrounding fire.

FIRE FIGHTING: Either allow the fire to burn out under controlled conditions or extinguish with water, foam, or dry chemical. Cool exposed containers with water spray. Wear a self-contained breathing apparatus and protective clothing to prevent skin and eye contact in fire situations.

SPECIAL FIRE FIGHTING PROCEDURES: In case of fire use of full protective equipment required. Use water spray to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be generated in a fire. Aerosol containers, when exposed to heat from fire, may build up pressure and explode.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release oxides of carbon.

HMIS HAZARD CLASSIFICATION:

Health: 1 Flammability: 0 Reactivity: 0 Special Hazard -----

FLAMMABILITY CLASSIFICATION: Aerosol LEVEL 1

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: If containers are punctured, contain or dike area to contain spill. Recover or absorb spilled material using an absorbent designed for chemical spills. Place absorbent in proper waste containers and dispose of as normal waste.

PERSONAL PRECAUTIONS: Use caution when working around electrical equipment and turn off the power to the equipment before clean up of spill. The metal container will conduct electricity if it contacts a live electrical source.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into the drain or bodies of water. Take precautions to prevent contamination of ground or surface waters.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid exposure to product; do not ingest and avoid contact with eyes. Some individuals can develop an allergic reaction to certain materials. Do not eat, drink, or smoke when using this product. Wash thoroughly after using this product.

STORAGE: Keep material tightly sealed and stored at room temperature in a cool dry area and out of direct sunlight. Aerosol cans must be stored below 120 °F (49 °C) to prevent the cans from rupturing.

Other precautions: Professionally wash contaminated clothing before reuse. Existing lung disorders will have increased toxic susceptibility. Keep out of the reach of children. Aerosol storage level: I

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



Read and understand the manufacturer's instructions and precautionary label on this product.

ENGINEERING CONTROLS: Proper ventilation **must** be maintained for the appropriate situation when the product is used in conjunction with welding.

VENTILATION: None normally needed when spraying nozzles or using on work area. For enclosed areas, the use of fans or other mechanical ventilation is recommended. Use half or full-face piece organic vapor chemical cartridge or canister respirator when concentrations exceed the permissible exposure limits. Use self contained breathing apparatus (SCBA) or full piece airline respirator with auxiliary SCBA operated in the pressure-demand mode for emergencies and for all work performed in storage vessels, poorly ventilated rooms, and other confined areas.

RESPIRATORY PROTECTION: If the workstation is not properly ventilated to exhaust all fumes and vapors, use a NIOSH approved respirator.

EYE PROTECTION: Use chemical safety goggles and / or full face shield where splashing is possible. Maintain eye wash fountains and quick-drench facilities in work area.

PROTECTIVE CLOTHING: Wear head, hand, and body protection that help to prevent excessive contact with product.

SKIN PROTECTION: Rubber gloves may be worn if desired.

WORK HYGIENIC PRACTICES: Wash contaminated clothing before re-use. Food and drink should not be consumed or neither tobacco products used, nor cosmetics applied in work area.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dark orange liquid with no odor.

SPECIFIC GRAVITY AT 75 °F: 1.00

VOC: 3.18 %

EVAPORATION RATE (water=1): 1

BOILING POINT: 212 °F (100 °C)

SOLUBILITY IN WATER: Complete

VAPOR DENSITY (Air = 1): 0.62

SECTION 10: STABILITY AND REACTIVITY

GENERAL: This item is only intended for industrial applications.

STABILITY: Product is chemically stable and non-reactive.

CONDITIONS TO AVOID: Excess heat above 120 °F (49 °C).

MATERIALS TO AVOID: Acids and bases. Do not mix with liquids other than water.

HAZARDOUS POLYMERIZATION: Will not occur.

REACTIVITY: None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE – use of this product can create one or more of the following health hazards:

PRIMARY ROUTE OF ENTRY is contact with skin. Other possible route of contact is with the eyes.

PREEXISTING respiratory or allergic conditions may be aggravated in some individuals (i.e. asthma, emphysema).

SHORT TERM (ACUTE) OVEREXPOSURE to vapors may irritate respiratory passages and/or cause dizziness, nausea, and headaches. Skin contact with product may dry skin and irritate eyes. Ingestion may irritate gastro-intestinal tract and/or cause diarrhea.

LONG TERM (CHRONIC) OVEREXPOSURE – None known.

SECTION 12: ECOLOGICAL INFORMATION

CONTAMINATED PACKAGING: Empty metal containers should be taken for local recycling, recovery, or waste disposal.

SPILLS: Contain spill, absorb, sweep up and dispose of as normal waste.

SECTION 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Dispensed liquid is not a RCRA hazardous waste (see 40 CFR Part 261.20-261.33). Empty aerosol containers may be recycled.

SECTION 14: TRANSPORTATION INFORMATION

DOT Hazard Classification: Consumer Commodity ORM-D 4850 Sub 3

Aerosols (non-flammable)

Aerosol LEVEL 1

If shipping as limited quantity by ground, note that shipping papers are not required.

This product can be classified and labeled as “Consumer Commodity ORM-D” for domestic ground shipping.

OTHER AGENCIES: No international regulations or restrictions are applicable.

Miscellaneous: Other regulations may apply when shipping this material and are in the process of change or update, verify all applicable regulations prior to shipment either domestically, internationally via air, ground, or water. Handle with care to avoid damaging the product. Do not puncture aerosol can. Do not store next to food, drink, or animal goods, in direct sunlight, or above 120 °F (49 °C). Do not remove product identification label or warning label.



SECTION 15: REGULATORY INFORMATION

Read and understand the manufacturer's Safety Data Sheet before handling or disposing of this product.

U.S. EPA TSCA (TOXIC SUBSTANCE CONTROL ACT): All constituents of these products are on the TSCA inventory list or are excluded from listing.

SARA Title II Program: This product contains the following toxic chemicals subject to reporting requirements of EPCRA of 1986 and 40 CFR 372: None.

RCRA Hazard Class: Non-hazardous waste

Other regulations may apply when shipping this material and are in the process of change or update, verify all applicable regulations prior to shipment either domestically, internationally via air, ground, or water.

International rules may vary and the appropriate regulations should be followed as defined by the country where the product is used.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet has been revised due to modifications to several paragraphs and/or new format.

Prepared by: US Forge, USA

SUPPLEMENTAL INFORMATION – DEFINITIONS:

IARC: International Agency for the Research on Cancer
NIOSH: National Institute for Occupational Safety and Health
OSHA: U.S. Occupational Safety and Health Administration
ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service Registry Number
EINECS: European Inventory of Existing Chemical Substances

PEL: Permissible Exposure Limit
NTP: National Toxicology Program
TLV: Threshold Limit Value
ECD: European Council Directive
GHS: Globally Harmonized System

The information in this SDS was obtained from sources we believe are reliable. However, this information is provided without any representation or warranty, expressed or implied, regarding accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability of loss, damage, or expense arising from it or any way connected with the handling, storage, use, or disposal of the product.