



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 - Nozzle Gel
PART NUMBERS: 02352

**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 CLASSIFICATION: Chemical Aid - Anti-spatter gel used on MIG tips and nozzles in welding applications.

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Non hazardous gel – no health hazards expected.

ROUTES OF ENTRY: Primary route of entry is skin contact.

POTENTIAL HEALTH EFFECTS:

EYES: Eye contact causes reddening.
SKIN: May cause reddening of skin.
INGESTION: No adverse health effects anticipated by this route during proper industrial handling.
INHALATION: No adverse effects expected.

GHS Pictogram: None

Precautionary statement(s)

Wash skin thoroughly after handling.

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.

In case of inadequate ventilation wear respiratory protection

Get medical advice if you do not feel well

Wear protective gloves/protective clothing/eye protection/face protection (if desired)

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

Do not breathe dust/fume/gas/mist/vapors/spray

Dispose of contents/container to waste treatment facility in accordance with local and national regulations

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. There are NO chemicals or compounds subject to reporting under Title III, in Section 313, of the Superfund Amendments and Reauthorization Act (SARA) in this product.

Exposure Limit (mg/m³)

INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH-TLV	Percent Ingredients (by Weight)
Petrolatum	8009-03-8	Not listed	Not Listed	100 %

CAS / EINECS NUMBER / HAZARD CLASSIFICATION FOR ABOVE INGREDIENTS

INGREDIENTS	CAS NUMBER	EINECS NUMBER	Hazard Classification per ECD 67/548/EEC
Petrolatum	8009-03-8	232-373-2	Not listed

Exposure limits are subject to change. Contact ACGIH and OSHA for current values. See Section 16 for European Council Directive 67/548/EEC R-phrases and S-phrases if applicable.

SECTION 4: FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES: Call for medical aid. Employ first aid techniques recommended by The American Red Cross.

EYES: Flush with a large amount of fresh water for at least 15 minutes. Get medical attention.

SKIN: Wash affected area with soap and water to remove gel. If rash develops, see a physician. Get medical attention for irritations that persist.

INGESTION: Drink plenty of water. Seek medical attention.

INHALATION: Remove to fresh air. If breathing is difficult administer oxygen. If breathing has stopped, begin artificial respiration and obtain medical assistance immediately.

GENERAL: Move to fresh air and call for medical aid.

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION:

Health: 0 Flammability: 1 Reactivity: 0 Other:

HMIS HAZARD CLASSIFICATION:

Health: 0 Flammability: 1 Reactivity: 0 Protection:

EXTINGUISHING MEDIA: Dry foam, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: In case of fire wear suitable respiratory equipment with positive air supply for fire situation.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

FLASH POINT: 425 °F (TCC)

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Avoid generating dust. Sweep up and place in a container for proper disposal.

PERSONAL PRECAUTIONS: Use personal protective equipment - safety goggles and gloves if desired. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS: Do not discharge product into drains or bodies of water.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid exposure to any dust generated and do not ingest. Avoid excessive contact with skin, eyes, and clothing. Some individuals can develop an allergic reaction to certain materials.

STORAGE: Keep material sealed and dry before use and store in a cool location and in the original labeled container. After using, keep remaining product sealed and dry and keep in original labeled container and store in a cool and dry location. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Always use adequate ventilation and wear appropriate personal protection. Do not breathe dust particles; they are dangerous to your health.

ENGINEERING CONTROLS: Proper ventilation must be maintained.

VENTILATION: Use enough ventilation, local exhaust at the work area or both, to keep the dust out of the workers breathing zone and the general area. Monitor dust levels and do not exceed permissible exposure limits or values. Use dust respirator if dusting occurs.

RESPIRATORY PROTECTION: Use suitable protection for related activity where this product is used.

EYE PROTECTION: Use suitable protection for related activity where this product is used.

PROTECTIVE CLOTHING: Use suitable protection for related activity where this product is used.

SKIN PROTECTION: Individuals having sensitive skin may find it beneficial to use a barrier cream or moisturizer when excessive or prolonged contact with skin is likely or rubber gloves may be worn if desired.

WORK HYGIENIC PRACTICES: Do not eat or consume beverages in the work area.

EXPOSURE GUIDELINES: Use industrial hygiene monitoring equipment to ensure that exposure does not exceed applicable national exposure limits.

EFFECTS OF OVEREXPOSURE – Nozzle gel may create one or more of the following health hazards:

EXPOSURE TO DUST can be dangerous to your health.

PRIMARY ROUTES OF ENTRY is skin contact system. Other possible routes are eyes, ingestion, and/or inhalation.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance:** Paste. No odor.**Flash Point:** 425 °F (TCC)**Specific Gravity (H₂O = 1):** 0.83**Auto Ignition Temperature:** Unknown**pH:** not data available**Solubility in water:** 0 % in water at 20 °C**VOC:** 0%**SECTION 10: STABILITY AND REACTIVITY****GENERAL:** This item is only intended for use in manufacturing welding applications.**STABILITY:** Product is chemically stable and non-reactive.**HAZARDOUS POLYMERIZATION:** Will not occur.**MATERIALS TO AVOID:** Oxidizing agents.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide and carbon dioxide.**SECTION 11: TOXICOLOGICAL INFORMATION****SHORT TERM (ACUTE) OVEREXPOSURE** may cause reddening of eyes or skin. **PRIMARY ROUTE OF ENTRY** is skin contact or eye contact.**LONG TERM (CHRONIC) OVEREXPOSURE** may aggravate existing dermatitis. **PRIMARY ROUTE OF ENTRY** is skin contact.**SECTION 12: ECOLOGICAL INFORMATION**

Though not considered hazardous, do not flush product into surface water or sanitary sewers.

EMPTY PACKAGING: Empty containers must be considered a fire hazard.**SECTION 13: DISPOSAL CONSIDERATION****WASTE DISPOSAL METHOD:** Dispose of any product and waste residues in accordance with EPA or local regulations. Where possible, recycling is the preferred method of disposal. Contact a licensed professional waste disposal service to dispose of this material.

Review U.S. Federal Hazardous Waste Regulations §40 CFR261 to determine if this is hazardous in USA. Please be advised that state and local requirements, or other country requirements, for waste disposal may be more restrictive or otherwise different than U.S. Federal regulations.

SECTION 14: TRANSPORTATION INFORMATION**DOMESTIC TRANSPORT REGULATIONS (USA):** DOT - not regulated.**DOMESTIC TRANSPORT REGULATIONS (CANADA):** TDG - not regulated.**DOMESTIC TRANSPORT REGULATIONS (MEXICO):** MEX - not regulated.

INTERNATIONAL TRANSPORT REGULATIONS:

ICAO – not regulated
IATA – not regulated
IMDG / IMO – not regulated

OTHER AGENCIES: No international regulations or restrictions are applicable.
Handle with care to avoid damaging the product. Keep product closed and in original labeled container.

SECTION 15: REGULATORY INFORMATION

Read and understand this 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. Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center and to our Local Emergency Planning Committee.

EPCRA/SARA TITLE III 313 TOXIC CHEMICALS: There are no components in this product subject to annual SARA 313 reporting.

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.