

Safety Data Sheet

ACS Sparkle

SECTION I - IDENTIFICATION

PRODUCT NAME: ACS Sparkle
PRODUCT CODE: 22216X1
PRODUCT USE: Stainless Steel Polish
COMPANY NAME: Advanced Chemical Solutions
COMPANY ADDRESS: 216 Moore Lane Billings, Montana 59101
COMPANY PHONE: 406-252-7408
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 2

Liquefied Gas

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Flammable Aerosol Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 6%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands 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 attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Isoparaffinic Hydrocarbon	64742-47-8	10-30%
Propane/n-Butane	68476-86-8	10-30%

SECTION IV - FIRST AID MEASURES

EYES: 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 or attention.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness

Oral: Aspiration risk

CHRONIC HEALTH HAZARDS: None known

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, foam, and water spray or fog.

UNSUITABLE EXTINGUISHING MEDIA: N/A

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SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Stop leak if you can do so without risk. Move the cylinder/can to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent spill from entering sewers, storm drains, and natural waterways. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizers, Alkalies, Acids

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	400 ppm	400 ppm
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam

ODOR: Lemon scent

ODOR THRESHOLD: N/D

BOILING POINT: N/D

FREEZING POINT: N/D

FLAMMABILITY: Flammable Aerosol

FLASH POINT: > 200°F (93°C)

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): 1

EVAPORATION RATE: < 1

SPECIFIC GRAVITY (H₂O=1): 0.95

pH: 6.5

SOLIDS (%): N/A

SOLUBILITY IN WATER: 77%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): 78%

VOLATILE ORGANIC COMPOUNDS (VOC): 15%

DIELECTRIC STRENGTH (Volts): N/A

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DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: None Known

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Strong oxidizers, Alkalies, Acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Isoparaffinic Hydrocarbon** (64742-47-8) LD₅₀ (Oral, Rat) 5 g/kg; LD₅₀ (Dermal, Rabbit) 2 g/kg; LC₅₀ (Rat, 4hr) 5 mg/L

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause irritation.

INGESTION: May cause gastric discomfort and nausea. No hazard by this route in normal use.

INHALATION: No hazards under normal use due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: None known

ACUTE HEALTH HAZARDS: Eye: stinging, tearing, redness

Oral: Aspiration risk

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: **Isoparaffinic Hydrocarbon** (64742-47-8) Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable. Do not contaminate water when disposing of equipment washwaters.

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: None

SHIPPING BY WATER:

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VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: None
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: None
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: California Proposition 65: None
INTERNATIONAL REGULATIONS: **Isoparaffinic Hydrocarbon** (64742-47-8)

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	1	HMIS FLAMMABILITY:	1
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	A

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis
DATE PREPARED: 12/17/2013
REVISION DATE: 08/15/2014

N/A = Not Applicable; N/D = Not Determined

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