



# SAFETY DATA SHEET

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **STEEL-1 PLUS**  
PRODUCT USE: Metal Surface Cleaner  
PRODUCT NUMBER: A-173  
COMPANY: Mfg for K & K Chemical  
PHYSICAL ADDRESS: 1303 Industrial Drive, Royse City, Texas, 75189  
MAILING ADDRESS: PO Box 1059, Royse City, Texas, 75189  
COMPANY PHONE: 800-958-6921  
WEB ADDRESS: KandKChemical.com  
EMERGENCY PHONE: INFOTRAC (24/7) 1-800-535-5053 (USA)

## SECTION 2. HAZARD(S) IDENTIFICATION

**DANGER**



### **HAZARD CATEGORIES:**

Aerosols: 2  
Gases Under Pressure: Liquefied Gas  
Eye Damage/Irritation: 2B  
Aspiration Hazard: 1

### **HAZARD STATEMENTS:**

Flammable aerosol.  
Contains gas under pressure; may explode if heated.  
Causes eye irritation.  
May be fatal if swallowed and enters airways.

### **PRECAUTIONARY STATEMENTS:**

#### **Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Wash hands thoroughly after handling.

#### **Response:**

**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.

#### **Storage and Disposal:**

Protect from sunlight.  
Do not expose to temperatures exceeding 50C/122F.  
Store locked up in a well-ventilated place.  
Dispose of contents in accordance with local, state and national regulations.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>CHEMICAL NAME</b>	<b>SYNONYMS</b>	<b>CAS #</b>	<b>WT %</b>
Isoparaffinic hydrocarbon		64742-47-8	40-70
Propane/n-Butane		68476-86-8	10-30

### **SECTION 4. FIRST AID MEASURES**

**IF IN EYES:** Remove contact lenses. Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

**IF SWALLOWED:** Immediately call a poison center or doctor. Do NOT induce vomiting.

**IF ON SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

**IF INHALED:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

#### **ACUTE HEALTH HAZARDS:**

Eyes: Stinging, tearing, redness

Oral: Aspiration

**CHRONIC HEALTH HAZARDS:** None known

### **SECTION 5. FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Carbon dioxide, foam and water fog. Do not use water spray/stream.

**SPECIFIC HAZARDS:** Cool fire exposed containers with water fog to prevent bursting.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Wear safety glasses

**CONTAINMENT AND CLEAN-UP:** Stop leak if you can do so without risk. If leak cannot be stopped, move can to a safe and open area. Use a non-combustible material like vermiculite, sand or earth to soak up the product. Small spills: wipe up with absorbent material.

**WASTE DISPOSAL:** Dispose of waste in accordance with local, state and national regulations.

### **SECTION 7. HANDLING AND STORAGE**

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. Store locked up. Keep out of the reach of children.

**INCOMPATIBILITY:** Some plastics and painted surfaces. Pre-test before use.

### **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>MATERIAL</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Isoparaffinic hydrocarbon	400 ppm	400 ppm
Propane/n-Butane	1000 ppm	1000 ppm

**APPROPRIATE ENGINEERING CONTROLS:** None required

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear aerosol

**ODOR:** Lemon

**BOILING POINT:** ND

**SPECIFIC GRAVITY:** 0.82

**SOLUBILITY IN WATER:** 0%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 20%

## **SECTION 10. STABILITY AND REACTIVITY**

**REACTIVITY:** Not reactive

**CHEMICAL STABILITY:** Stable

**HAZARDOUS REACTIONS:** None known

**CONDITIONS TO AVOID:** Temperatures greater than 122°F may cause bursting. Sources of ignition.

**INCOMPATIBLE MATERIALS:** Some plastics and painted surfaces. Pre-test before use.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

**ROUTE(S) OF ENTRY:** Eyes, ingestion, inhalation, skin.

**EYES:** May cause irritation.

**INGESTION:** May cause gastric discomfort and nausea.

**INHALATION:** No hazard in normal use due to product's low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

**SKIN (DERMAL):** May cause irritation, localized defatting, dermatitis with prolonged or repeated contact.

**LISTED CARCINOGEN:** No

**MEDICAL CONDITION AGGRAVATED:** None known

## **SECTION 12. ECOLOGICAL INFORMATION**

Not expected to be harmful to aquatic organisms.

**BIODEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of waste in accordance with local, state and national regulations.

## **SECTION 14. TRANSPORTATION INFORMATION**

**D.O.T. PROPER SHIPPING NAME:** UN1950, Aerosols, 2.1. Qualifies for Limited Quantity Exception, 173.306.

**NAME FOR SHIPPING PAPERS:** Aerosols, Ltd Qty

**ADDITIONAL MARKINGS:** Each outside packaging must be marked, "Inner Containers Comply With Prescribed Regulations."

## **SECTION 15. REGULATORY INFORMATION**

None known

## **SECTION 16. OTHER INFORMATION**

**REVISION DATE:** Mar. 26, 2015

**HMIS:** Health = 1, Flammability = 3, Reactivity = 0, Personal Protection = A

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