



**ARAIB**

**YOUR TRUST IS OUR REPUTATION**

**WELD × ARAIB**

**A65 CLEANER (Clear)**  
**FOR CPVC – PVC – ABS**

**SAFETY  
DATA SHEET**

**SECTION 1 – PRODUCT AND COMPANY  
IDENTIFICATION**

**Product Name:** A65 CLEANER

**Product Use:** FOR CPVC&PVC pipes Fittings  
ABS Clear

**Manufacturer & SUPPLIER:**

ARAIB FACTORY FOR INDUSTRY  
4465-SUDAIR IND.&BUSINESS CITY UNIT NO.2 TUMAIR 15336-  
6545 SAUDI ARABIA

**For Emergency:** Transpo./Medical Iss.Tel. No. 999 , 911  
Ambulance 997

**SECTION 2 – HAZARDS IDENTIFICATION**

**Health**

**Acute Toxicity – CATEGORY 4**

**Eye – CATEGORY 2**

**Skin Irritation – CATEGORY 3**

**Environmental**

**Acute Toxicity – UNKNOWN**

**Chronic Toxicity – UNKNOWN**

**Physical**

**Flammable Liquid – CATEGORY 2**

**GHS LABEL**



**Signal Word : DANGER**





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# SAFETY DATA SHEET

### Hazard Statements

- H225: HIGHLY FLAMMABLE LIQUID AND VAPOR
- H319: CAUSES SERIOUS EYE IRRITATION
- H332: HARMFUL IF INHALED
- H335: MAY CAUSE RESPIRATORY IRRITATION
- H336: MAY CAUSE DROWSINESS OR DIZZINESS
- H351: SUSPECTED OF CAUSING CANCER
- EUH019: MAY FORM EXPLOSIVE PEROXIDES
- EUH066: REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS & CRACKING

### Precautionary Statements

- P210: KEEP AWAY FROM HEAT/ SPARKS/ OPEN FLAMES / HOT SURFACES – NO SMOKING
- P261: AVOID BREATHING DUST
- P280: WEAR GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION
- P304+P340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
- P337+P313: GET MEDICAL ADVICE OR ATTENTION
- P403+P233: STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED
- P501: DISPOSE OFF CONTENTS/ CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS

### Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL NAME	CAS NO.	% CONCENTRATION BY WEIGHT
Cyclohexanone	108-94-1	25 - < 50
Acetone	67-64-1	25 - < 50
Tetrahydrofuran	109-99-9	10 - < 25
Methyl Ethyl Ketone	78-93-3	10 - < 25

### Section 4 – FIRST AIDE MEASURES

#### Important Notes:

Do NOT LEAVE AFFECTED PERSON UNATTENDED. REMOVE VICTIM OUT OF THE DANGER AREA. KEEP AFFECTED PERSON WARM, STILL AND COVERED. TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. IN ALL CASES OF DOUBT, OR WHEN SYMPTOMS PERSIST, SEEK MEDICAL ADVICE OR ATTENTION. IN CASE OF UNCONSCIOUSNESS, PLACE PERSON IN THE RECOVERY POSITION. NEVER GIVE ANYTHING BY MOUTH

#### Following Inhalation

IF BREATHING IS IRREGULAR OR STOPPED, IMMEDIATELY SEEK MEDICAL ASSISTANCE AND START FIRST AID ACTIONS. IN CASE OF RESPIRATORY IRRITATION, CONSULT A PHYSICIAN. PROVIDE FRESH AIR.

#### Following Skin Contact

WASH WITH PLENTY OF SOAP AND WATER.

#### Following Eye Contact

REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IRRIGATE COPIOUSLY WITH CLEAN, FRESH WATER FOR AT LEAST 10 MINUTES, HOLDING THE EYELEDS APART.

#### Following Ingestion

RINSE MOUTH WITH WATER (ONLY IF THE PERSON IS CONSCIOUS). DO NOT INDUCE VOMITING.

### Section 5 – FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** DRY CHEMICAL POWDER, CARBON DIOXIDE GAS, FOAM, HALON, AND WATER FOG.

**Unsuitable Extinguishing Media:** WATER SPRAY OR STEAM.

**Exposure Hazards:** INHALATION AND DERMAL CONTACT.

**Combustion Products:** OXIDES OF CARBON, HYDROGEN CHLORIDE, AND SMOKE.

**Protection for Firefighters:** SELF CONTAINED BREATHING APPARATUS OR FULL-FACE POSITIVE PRESSURE AIRLINE MASKS.

#### Health

HMIS: 2 NFPA: 2 0 – MINIMAL 1 – SLIGHT

#### Flammability

HMIS: 3 NFPA: 3 2 – MODERATE 3 – SERIOUS

#### Reactivity

HMIS: 0 NFPA: 0 4 - SEVERE

#### PPE

HMIS: B NFPA: -

### Section 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** REMOVE THE PERSON TO SAFETY. WEAR BREATHING EQUIPMENT IF EXPOSED TO VAPORS/ DUST/ and GASES.

**Environmental Precautions:** PREVENT PRODUCTS OR LIQUIDS CONTAMINATED WITH PRODUCT FROM ENTERING SEWERS, SOIL OR AN OPEN SOURCE OF WATER.

**Methods of Cleaning Up:** CLEAN UP WITH SAND OR OTHER INERT ABSORBENT MATERIAL. TRANSFER TO A CLOSABLE STEEL VESSEL.

### Section 7 – HANDLING AND STORAGE

**Handling:** AVOID BREATHING OF VAPOR, AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. KEEP AWAY FROM IGNITION SOURCES, USE ONLY ELECTRICALLY GROUNDED. HANDLING EQUIPMENT AND ENSURE ADEQUATE VENTILATION/FUME EXHAUST HOOD. DO NOT EAT, DRINK OR SMOKE WHILE HANDLING.

**Storage:** STORE IN WELL-VENTILATED ROOM OR SHADE BETWEEN 40°F (5°C) and 90°F (33°C). KEEP AWAY FROM IGNITION SOURCES AND INCOMPATIBLE MATERIALS: CAUSTICS, AMMONIA, INORGANIC ACIDS, CHLORINATED COMPOUNDS, STRONG OXIDIZERS, AND ISOYANATES.



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**Section 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

Limits of Exposure				
Component	ACGIH STEL	ACGIH TLV	OSHA PEL	OSHA STEL
ACETONE	750ppm	500ppm	1000ppm	N/E
CYCLOHEXANONE	50ppm	20ppm	50ppm	N/E
METHYL ETHYL KETONE	300ppm	200ppm	200ppm	N/E
TETRAHYDROFURAN	100ppm	50ppm	200ppm	N/E
Component	OSHA PEL CEILING	CAL/OSHA PEL	CAL/OSHA CEILING	CAL/OSHA STEL
CYCLOHEXANONE	N/E	500ppm	3000ppm	750ppm
CYCLOHEXANONE	N/E	25ppm	N/E	N/E
METHYL ETHYL KETONE	N/E	200ppm	N/E	300ppm
TETRAHYDROFURAN	N/E	200ppm	N/E	250ppm

**Engineering Controls:** USE LOCAL EXHAUST AS NEEDED.

**Monitoring:** MAINTAIN BREATHING ZONE AIRBORNE CONCENTRATIONS BELOW EXPOSURE LIMITS.

**Personal Protective Equipment – PPE**

**Respiratory Protection:** PREVENT INHALATION OF THE SOLVENTS. USE IN WELL-VENTILATED ROOM. OPEN DOORS/ WINDOWS TO ENSURE AIRFLOW AND AIR CHANGES. USE LOCAL VENTILATION TO REMOVE AIRBORNE CONTAMINANTS FROM WORKER BREATHING ZONE AND TO KEEP CONTAMINANTS BELOW LEVELS LISTED ABOVE. WITH NORMAL USE, THE EXPOSURE LIMIT VALUE WILL NOT USUALLY BE REACHED. WHEN LIMITS APPROACHED, USE RESPIRATORY APPARATUS.

**Eye Protection:** AVOID CONTACT WITH EYES, WEAR SPLASHED PROOF CHEMICAL GOGGLES, FACE SHEILD, SAFETY GLASSES AND SIDE SHEILDS AS MAY BE APPROPRIATE FOR THE EXPOSURE.

**Skin Protection:** PREVENT CONTACT WITH THE SKIN AS MUCH AS POSSIBLE. USE SOLVENT RESISTANT GLOVES.

**Section 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** CLEAR , COLORLES

**Physical State:** LIQUID

**Odor:** ETHEREAL

**Melting Point:** -96.2°C

**Boiling Point:** 56°C

**Flash Point:** -18°C

**EVP. Rate:** NOT DETERMINED

**Solubility:** NOT DETERMINED

**Flammability:** CATEGORY 2

**Vapor Pressure:** 239hPa @20°C

**Vapor Density:** N/A INFORMATION

**Viscosity:** NOT DETERMINED

**Auto Ignition Temp.:** 423°C

**pH:** NOT APPLICABLE

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**Section 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Hazardous Decomposition Products:** NONE IN NORMAL USE. WHEN FORCED BURN, THIS PRODUCT GIVES OFF OXIDES OF CARBON, HYDROGEN CHLORIDE AND SMOKE.

**Conditions to Avoid:** KEEP AWAY FROM IGNITION SOURCES, HEAT, SPARKS, AND OPEN FLAME.

**Incompatible Materials:** OXIDIZERS

**Section 11 – TOXICOLOGICAL INFORMATION**

**Toxicological Effects –** INFORMATION NOT AVAILABLE FOR THE COMPLETE MIXTURE.

**Classification Procedure –** THE METHOD FOR CLASSIFICATION OF THE MIXTURE IS BASED ON INGREDIENTS OF THE MIXTURE OF FORMULA.

**Toxicity Level**

Estimate Toxicity Level of Component			
Component	LC <sub>50</sub>	LD <sub>50</sub>	Target Organs
Acetone	Inhalation: 50,100mg/m <sup>3</sup> - rat	ORAL: 5,800mg/kg-rat	STOT SE3
Tetrahydrofuran	Inhalation: 3hrs. 21,000mg/m <sup>3</sup> -rat	ORAL:2842mg/kg-rat ORAL:5,800mg/kg-rat	STOT SE3
Methyl Ethyl Ketone	Inhalation: 8hrs. 23,500mg/m <sup>3</sup> -rat	ORAL:2327mg/kg-rat DERMAL:6482mg/kg-rabbit	STOT SE3
Cyclohexanone	Inhalation: 4hrs. 8,000ppm-rat	ORAL:1535mg/kg-rat DERMAL:948mg/kg-rabbit	STOT SE3

Reproductive Effect: NONE REPORTED

Teratogenicity: NONE REPORTED

Mutagenicity: NONE REPORTED

Embryotoxicity: NONE REPORTED

Sensitization to Product: NONE REPORTED





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### Section 12 – ECOLOGICAL INFORMATION

Toxicity: NONE REPORTED

Degradability: NONE REPORTED

Bio-accumulative Potential: NONE REPORTED

Mobility in Soil: INFORMATION NOT AVAILABLE

### Section 13- DISPOSAL CONSIDERATIONS

FOLLOW LOCAL AND NATIONAL REGULATIONS. CONSULT EXPERT ON THE CORRECT AND STANDARD WAY OF DISPOSAL.

### Section 14- TRANSPORT INFORMATION

#### Proper Shipping Name

FLAMMABLE LIQUID, N.O.S (ACETON, THF)

#### Hazard Class: 3

#### Secondary Risk

NONE

#### Identification Number

UN 1993

#### Packing Group

PG II

#### Label Required

CLASS 3 FLAMMABLE LIQUID

#### Marine Pollutant

NO

#### Exception for Ground Shipping

DOT Limited Quantity: Up to 1L / INNER PACKAGING,  
30kg GROSS WEIGHT/PACKAGE.

#### Consumer Commodity

DEPENDING ON PACKAGING, THESE QUANTITIES MAY  
QUALIFY UNDER D.O.T as "ORM-D"

#### TDG Information

TDG Class: F3

#### Shipping Name

FLAMMABLE LIQUID, N.O.S (ACETONE, TETRAHYDROFURAN)

#### UN Number / Packing Group

UN 1993, PG II

### Section 15 – REGULATORY INFORMATION

#### Precautionary Label Information

Highly Flammable, Irritant Carc. Cat. 2

#### Symbols

F, Xi

#### Risk Phrases

R11: Highly flammable

R19: May form explosive peroxide

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R66: Repeated exposure may cause skin dryness or cracking

R67: Vapors may cause drowsiness and dizziness

#### Safety Phrases

S2: Keep out of the reach of children

S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty  
of water and seek medical advice.

S29: Do not empty into drains.

S33: Take precautionary measures against static discharges.

S46: If swallowed, seek medical advice immediately and show  
this can or label.

### Section 16 - OTHER INFORMATION

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

