

SDSG2814

ITEM: 9WYZ5 - Calibration Solution, EC, 1413 uS/cm, 1 Pt
DELIVERY: 6638857701 HU NUMBER: 5502619387
SAFETY DATA SHEET (SDS)

This SDS should be attached or kept with the respective product with which it is associated.

SDS - G2814

Associated Items
9WYZ5

OAKLON(R*)

SAFETY DATA SHEET

REVISION DATE: 20-APRIL-2018

REVISION: 0

-----1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND
OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME:
CONDUCTIVITY / TSD STANDARD SOLUTIONS
23 (MICRO)S/CM CONDUCTIVITY SOLUTION
84 (MICRO)S/CM CONDUCTIVITY SOLUTION
447 (MICRO)S/CM CONDUCTIVITY SOLUTION
1413 (MICRO)S/CM CONDUCTIVITY SOLUTION
1,500 (MICRO)S/CM CONDUCTIVITY SOLUTION
2,070 (MICRO)S/CM CONDUCTIVITY SOLUTION
2,764 (MICRO)S/CM CONDUCTIVITY SOLUTION
8,974 (MICRO)S/CM CONDUCTIVITY SOLUTION
12,880 (MICRO)S/CM CONDUCTIVITY SOLUTION
15,000 (MICRO)S/CM CONDUCTIVITY SOLUTION
80,000 (MICRO)S/CM CONDUCTIVITY SOLUTION
111,900 (MICRO)S/CM CONDUCTIVITY SOLUTION

PRODUCT NUMBER(S):
00606-10, 00653-15, 00653-16, 00653-23, 00653-18, 00653-20, 00653-27,
00653-47, 00653-89, 00653-50, 00653-32, 00653-35, 00653-36, 00653-37,
00653-38

THIS SDS APPLIES TO CONDUCTIVITY SOLUTIONS WITH LOT # STARTING WITH CC.

PURE SUBSTANCE/MIXTURE: MIXTURE

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED
AGAINST:

RECOMMENDED USE: USE AS LABORATORY REAGENT

USES ADVISED AGAINST: NO INFORMATION AVAILABLE

MANUFACTURE/SUPPLIER:
COLE-PARMER(TM)
NORTH AMERICA
625 EAST BUNKER COURT
VERNON HILLS, IL
60061
USA

TEL: 1-800-323-4340

E-MAIL ADDRESS: INFO@COLEPARMER.COM

MADE IN: USA

PRODUCT INFORMATION:
888-358-4717
8:00 AM - 6:00 PM CST

-----2. HAZARDS IDENTIFICATION -----

CLASSIFICATION:

CLASSIFICATION: MIXTURE

OSHA REGULATORY STATUS:
THIS CHEMICAL IS NOT CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD
COMMUNICATION STANDARD (29 CFR 1910.1200)

CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]:
THIS MIXTURE IS CLASSIFIED AS NOT HAZARDOUS ACCORDING TO REGULATION (EC)
1272/2008 [GHS]

SYMBOL(S): NOT DANGEROUS GOODS.

LABEL ELEMENTS:

EMERGENCY OVERVIEW:
THE PRODUCT CONTAINS NO SUBSTANCES WHICH AT THEIR GIVEN CONCENTRATION, ARE
CONSIDERED HAZARDOUS TO HEALTH.

APPEARANCE: CLEAR

PHYSICAL STATE: LIQUID

ODOR: NONE

EUH210: SAFETY DATA SHEET AVAILABLE UPON REQUEST.

PRECAUTIONARY STATEMENTS:

B242367

P202:

DO NOT HANDLE UNTIL ALL SAFETY INFORMATION HAS BEEN READ AND UNDERSTOOD.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NO INFORMATION AVAILABLE

OTHER INFORMATION: NO INFORMATION AVAILABLE

-----3. COMPOSITION/INFORMATION ON INGREDIENTS -----

HAZARDOUS INGREDIENTS:

COMPONENT CHEMICAL FORMULA EC-NO. CAS-NO

WATER 7732-18-5

POTASSIUM CHLORIDE KCl 231-211-8 7447-40-7

N-PROPYLAL 71-23-8

COMPONENT CLASSIFICATION ACCORDING WEIGHT % TRADE SECRET
REGULATION (EC) NO.
1272 [CLP]

WATER >92 % *

POTASSIUM CHLORIDE 0-6 % *

N-PROPYLAL 1-2 % *

*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS
A TRADE SECRET.

-----4. FIRST AID MEASURES -----

FIRST AID MEASURES:

GENERAL ADVICE:

USE FIRST AID TREATMENT ACCORDING TO THE NATURE OF THE INJURY. FOR FURTHER
ASSISTANCE, CONTACT YOUR LOCAL POISON CONTROL CENTER. SHOW THIS SAFETY
DATA SHEET TO THE DOCTOR IN ATTENDANCE.

EYE CONTACT:

IN CASE OF EYE CONTACT, REMOVE CONTACT LENS AND RINSE THOROUGHLY WITH
PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. OBTAIN
MEDICAL ATTENTION.

SKIN CONTACT:

WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER WHILE REMOVING ALL
CONTAMINATED CLOTHING AND SHOES. IF SKIN REACTIONS OCCUR, CONTACT A
PHYSICIAN.

INHALATION:

MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SYMPTOMS
PERSIST, OBTAIN MEDICAL ATTENTION.

INGESTION:

CLEAN MOUTH WITH WATER AND DRINK AFTERWARDS PLENTY OF WATER. DO NOT
INCLUDE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

PRODUCTION OF FIRST-AIDERS:

USE PERSONAL PROTECTIVE EQUIPMENT. SEE SECTION 8 FOR MORE DETAIL. DO NOT
USE MOUTH TO MOUTH METHOD IF VICTIM INGESTED OR INHALED THE SUBSTANCE;
INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH
A ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICES.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

MOST IMPORTANT SYMPTOMS/EFFECTS: NO INFORMATION AVAILABLE

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT
NEEDED:

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY

-----5. FIRE-FIGHTING MEASURES -----

SUITABLE EXTINGUISHING MEDIA:

USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND
THE SURROUNDING ENVIRONMENT.

UNSUITABLE EXTINGUISHING MEDIA: NO INFORMATION AVAILABLE

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

THERMAL DECOMPOSITION CAN LEAD TO RELEASE OF IRRITATING GASES AND VAPORS.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND,
MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

-----6. ACCIDENTAL RELEASE MEASURES -----

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS:



ITEM: 9WYZ5 - Calibration Solution, EC, 1413 uS/cm, 1 Pt

SDS E2449

DELIVERY: **6638857701**

HU NUMBER: **5502619387**

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MSDS - E2449

Associated Items
9WYZ5

A SAFETY DATA SHEET (SDS) IS NOT REQUIRED FOR THIS ITEM BECAUSE THE PRODUCT HAS BEEN DETERMINED EXEMPT FROM THE UPDATED HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) BY THE PRODUCT MANUFACTURER.



USE PERSONAL PROTECTIVE EQUIPMENT. REFER TO SECTION 8. EVACUATE PERSONNEL TO SAFE AREAS.

ENVIRONMENTAL PRECAUTIONS:
AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.

METHOD AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT:
PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

METHODS FOR CLEANING UP:
SOAK UP WITH INERT ABSORBENT MATERIAL. PICK UP AND TRANSFER TO PROPERLY LABELED CONTAINERS.

-----7. HANDLING AND STORAGE -----

PRECAUTIONS FOR SAFE HANDLING:

HANDLING:
TO AVOID RISKS TO HUMAN HEALTH AND THE ENVIRONMENT, COMPLY WITH THE INSTRUCTIONS FOR USE. WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS.

HYGIENE CONSIDERATIONS:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:
KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE. STORE AT ROOM TEMPERATURE IN THE ORIGINAL CONTAINER. KEEP AWAY FROM DIRECT SUNLIGHT.

INCOMPATIBLE PRODUCTS: NO INFORMATION AVAILABLE.

SPECIFIC END USE(S):
SPECIFIC USE: CALIBRATION AND STORAGE OF PH METERS/PROBES.

RISK MANAGEMENT METHODS (RMM):
THE INFORMATION REQUIRED IS CONTAINED IN THIS SAFETY DATA SHEET.

-----8. EXPOSURE CONTROLS/PERSONAL PROTECTION -----

CONTROL PARAMETERS:

EXPOSURE GUIDELINES:
THIS PRODUCT DOES NOT CONTAIN ANY HAZARDOUS MATERIALS WITH OCCUPATIONAL EXPOSURE LIMITS ESTABLISHED BY THE REGION SPECIFIC REGULATORY BODIES.

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING MEASURES:
SHOWERS
EYEWASH STATIONS
VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION:
WEAR CHEMICAL SPLASH GOGGLES. IF SPLASHES ARE LIKELY TO OCCUR, WEAR: FACE-SHIELD.

SKIN AND BODY PROTECTION: WEAR PROTECTION GLOVES/CLOTHING

RESPIRATORY PROTECTION:
NONE REQUIRED UNDER NORMAL USAGE. IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION.

HYGIENE MEASURES:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

-----9. PHYSICAL AND CHEMICAL PROPERTIES -----

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES.

PHYSICAL STATE: LIQUID

APPEARANCE: CLEAR

ODOR: NONE

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PH RANGE: 4.7 - 7.8

PROPERTY	VALUES	REMARKS - METHOD
MELTING POINT/FREEZING POINT	NO INFORMATION AVAILABLE	

BOILING POINT/RANGE	APPROX. 100 DEG. C /
212 DEG. F	

FLASH POINT (HIGH IN DEG. C) NO INFORMATION AVAILABLE

EVAPORATION RATE NO INFORMATION AVAILABLE

FLAMMABILITY (SOLID, GAS) NO INFORMATION AVAILABLE

FLAMMABILITY LIMIT IN AIR:	
UPPER FLAMMABILITY LIMIT	NO INFORMATION AVAILABLE
LOWER FLAMMABILITY LIMIT	NO INFORMATION AVAILABLE

VAPOR PRESSURE NO INFORMATION AVAILABLE

VAPOR DENSITY NO INFORMATION AVAILABLE

SPECIFIC GRAVITY NO INFORMATION AVAILABLE

WATER SOLUBILITY SOLUBLE

SOLUBILITY IN OTHER SOLVENTS NO INFORMATION AVAILABLE

PARTITION COEFFICIENT NO INFORMATION AVAILABLE

AUTOIGNITION TEMPERATURE

DECOMPOSITION TEMPERATURE NO INFORMATION AVAILABLE

KINEMATIC VISCOSITY NO INFORMATION AVAILABLE

DYNAMIC VISCOSITY NO INFORMATION AVAILABLE

EXPLOSIVE PROPERTIES NO INFORMATION AVAILABLE

OXIDIZING PROPERTIES NO INFORMATION AVAILABLE

OTHER INFORMATION:

SOFTENING POINT NO INFORMATION AVAILABLE

MOLECULAR WEIGHT NO INFORMATION AVAILABLE

VOC CONTENT (%) NO INFORMATION AVAILABLE

DENSITY NO INFORMATION AVAILABLE

BULK DENSITY NO INFORMATION AVAILABLE

-----10. STABILITY AND REACTIVITY -----

REACTIVITY: NO INFORMATION AVAILABLE

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING

CONDITIONS TO AVOID: EXTREMES OF TEMPERATURE AND DIRECT SUNLIGHT

INCOMPATIBLE MATERIALS: NO INFORMATION AVAILABLE

HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION CAN LEAD TO RELEASE OF IRRITATING GASES AND VAPORS.

-----11. TOXICOLOGICAL INFORMATION -----

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INHALATION: NO INFORMATION AVAILABLE

EYE CONTACT: NO INFORMATION AVAILABLE

SKIN CONTACT: NO INFORMATION AVAILABLE

INGESTION NO: INFORMATION AVAILABLE

INFORMATION ON TOXICOLOGICAL EFFECTS:
SYMPTOMS: NO INFORMATION AVAILABLE

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

SENSITIZATION: NO INFORMATION AVAILABLE

MUTAGENIC EFFECTS: NO INFORMATION AVAILABLE

CARCINOGENICITY: NO INFORMATION AVAILABLE

REPRODUCTIVE EFFECTS: NO INFORMATION AVAILABLE

STOT - SINGLE EXPOSURE: NO INFORMATION AVAILABLE

STOT - REPEATED EXPOSURE: NO INFORMATION AVAILABLE

ASPIRATION HAZARD: NO INFORMATION AVAILABLE

-----12. ECOLOGICAL INFORMATION -----

ECOTOXICITY: THIS MATERIAL IS NOT EXPECTED TO BE HARMFUL TO AQUATIC LIFE.

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE

BIOACCUMULATION/ACCUMULATION: NO INFORMATION AVAILABLE

MOBILITY: NO INFORMATION AVAILABLE

RESULTS OF PBT AND VPVB ASSESSMENT: NO INFORMATION AVAILABLE

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE

ENDOCRINE DISRUPTOR INFORMATION: NO INFORMATION AVAILABLE

-----13. DISPOSAL CONSIDERATIONS -----

WASTE TREATMENT METHODS:

WASTE DISPOSAL METHODS:
DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND

