

## MasterEmaco ADH 327 PART B

Version            Revision Date:            SDS Number:            Date of last issue: -  
 1.0                11/17/2020                000000259979            Date of first issue: 11/17/2020

**SECTION 1. IDENTIFICATION**

Product name                : MasterEmaco ADH 327 PART B  
 Product code                : 000000000057427131 000000000057427131

**Manufacturer or supplier's details**

Company name of supplier    : Master Builders-Admixtures US,LLC  
 Address                        : 23700 CHAGRIN BLVD  
                                       : Beachwood OH 44122  
 Emergency telephone        : ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract  
                                       : Number MIS9240420

**Recommended use of the chemical and restrictions on use**

Recommended use            : Product for construction chemicals  
 Restrictions on use         : Reserved for industrial and professional use.

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with 29 CFR 1910.1200**

Skin corrosion/irritation    : Category 1B  
 Serious eye damage/eye     : Category 1  
 irritation  
 Skin sensitization            : Category 1  
 Germ cell mutagenicity      : Category 2  
 Specific target organ toxicity : Category 2 (Central nervous system)  
 - repeated exposure  
 Short-term (acute) aquatic    : Category 1  
 hazard  
 Long-term (chronic) aquatic   : Category 1  
 hazard

**GHS label elements**

Hazard pictograms            : 

Signal Word                  : Danger

Hazard Statements            : H314 Causes severe skin burns and eye damage.  
                                       : H317 May cause an allergic skin reaction.  
                                       : H373 May cause damage to organs (Central nervous system)  
                                       : through prolonged or repeated exposure.  
                                       : H400 Very toxic to aquatic life.  
                                       : H410 Very toxic to aquatic life with long lasting effects.

## MasterEmaco ADH 327 PART B

Version 1.0      Revision Date: 11/17/2020      SDS Number: 000000259979      Date of last issue: -  
 Date of first issue: 11/17/2020

## Precautionary Statements

: **Prevention:**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P273 Avoid release to the environment.

P260 Do not breathe dust or mist.

P272 Contaminated work clothing should not be allowed out of the workplace.

P264 Wash face, hands and any exposed skin thoroughly after handling.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/ doctor/

P303 + P361 + P352 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P391 Collect spillage.

P362 + P364 Take off contaminated clothing and wash it before reuse.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container to appropriate hazardous waste collection point.

**Other hazards**

None known.

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

Chemical nature : adhesive

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	68953-36-6	>= 50 - < 75
[(Dimethylamino)methyl]phenol	25338-55-0	>= 10 - < 15
3,6,9-triazaundecamethylene-1,11-diamine	112-57-2	>= 5 - < 15
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	>= 1 - < 3
phenol	108-95-2	>= 1 - < 3
4-nonylphenol, branched	84852-15-3	>= 0 - < 0.1

**SECTION 4. FIRST AID MEASURES**

## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

- 
- General advice : First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing. Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended.
- If inhaled : Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
- In case of skin contact : Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. If on skin, rinse well with water. If on clothes, remove clothes.
- In case of eye contact : Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- If swallowed : Do NOT induce vomiting. Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction. Causes serious eye damage. Causes severe burns.
- Notes to physician : Treat symptomatically.

---

**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Dry powder

## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

Unsuitable extinguishing media	:	Carbon dioxide (CO <sub>2</sub> ) High volume water jet
Specific hazards during fire fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus.

---

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

---

**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Further information on storage	:	Keep only in the original container in a cool, dry, well-



## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

Hygiene measures : Handle in accordance with good building materials hygiene and safety practice.  
: When using do not eat or drink.  
: When using do not smoke.  
: Wash hands before breaks and at the end of workday.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Color : black

Odor : ammonia-like

Odor Threshold : No data available

pH : Not applicable

Melting point : No applicable information available.

Boiling point : 181 °F / 83 °C

Flash point : 464 °F / 240 °C

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not highly flammable

Vapor pressure : No applicable information available.

Relative density : No applicable information available.

Density : approx. 0.99 g/cm<sup>3</sup> (approx. 68 °F / 20 °C)

Solubility(ies)

    Water solubility : insoluble

    Solubility in other solvents : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

    Viscosity, dynamic : No applicable information available.

    Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive  
: Not explosive

Oxidizing properties : Based on its structural properties the product is not classified

## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

Metal corrosion rate : Corrosive effects to metal are not anticipated.

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Oxidizing agents  
strong alkalis  
Acids

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

---

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Product:**

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

**Skin corrosion/irritation**

Causes severe burns.

**Product:**

Remarks : Extremely corrosive and destructive to tissue.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

Remarks : May cause irreversible eye damage.

**Respiratory or skin sensitization****Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

## MasterEmaco ADH 327 PART B

Version 1.0      Revision Date: 11/17/2020      SDS Number: 000000259979      Date of last issue: -  
Date of first issue: 11/17/2020

---

**Product:**

Remarks : Causes sensitization.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Components:****[(Dimethylamino)methyl]phenol:**

Not applicable

**3,6,9-triazaundecamethylene-1,11-diamine:**

Not applicable

**Further information****Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Remarks : No data available

---

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Fatty acids, tall-oil, reaction products with tetraethylenepentamine:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

**4-nonylphenol, branched:**

M-Factor (Acute aquatic toxicity) : 10



## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

icity)  
M-Factor (Chronic aquatic toxicity) : 10

**Persistence and degradability**

No data available

**Bioaccumulative potential****Components:****[(Dimethylamino)methyl]phenol:**

Partition coefficient: n-octanol/water : log Pow: 1.27  
Method: other (calculated)

**3,6,9-triazaundecamethylene-1,11-diamine:**

Partition coefficient: n-octanol/water : log Pow: -3.16

**phenol:**

Partition coefficient: n-octanol/water : log Pow: 1.47 (86 °F / 30 °C)  
pH: 3 - 8  
Method: Partition coefficient (n-octanol/water), HPLC method.  
Remarks: Information taken from reference works and the literature.

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life.  
Very toxic to aquatic life with long lasting effects.

---

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

---

**SECTION 14. TRANSPORT INFORMATION****International Regulations**

## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

**UNRTDG**

UN number : UN 2735  
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.  
 (3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-  
 TRIS(DIMETHYLAMINOMETHYL)PHENOL)  
 Class : 8  
 Packing group : III  
 Labels : 8

**IATA-DGR**

UN/ID No. : UN 2735  
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.  
 (3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-  
 TRIS(DIMETHYLAMINOMETHYL)PHENOL)  
 Class : 8  
 Packing group : III  
 Labels : Corrosive  
 Packing instruction (cargo aircraft) : 856  
 Packing instruction (passenger aircraft) : 852

**IMDG-Code**

UN number : UN 2735  
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.  
 (3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-  
 TRIS(DIMETHYLAMINOMETHYL)PHENOL)  
 Class : 8  
 Packing group : III  
 Labels : 8  
 EmS Code : F-A, S-B  
 Marine pollutant : yes

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****49 CFR**

UN/ID/NA number : UN 2735  
 Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S.  
 (3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-  
 TRIS(DIMETHYLAMINOMETHYL)PHENOL)  
 Class : 8  
 Packing group : III  
 Labels : CORROSIVE  
 ERG Code : 153  
 Marine pollutant : no

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**SECTION 15. REGULATORY INFORMATION**

**MasterEmaco ADH 327 PART B**

Version 1.0	Revision Date: 11/17/2020	SDS Number: 000000259979	Date of last issue: - Date of first issue: 11/17/2020
----------------	------------------------------	-----------------------------	--

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

phenol 108-95-2

**California Prop. 65**

WARNING: This product can expose you to chemicals including Carbon black, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

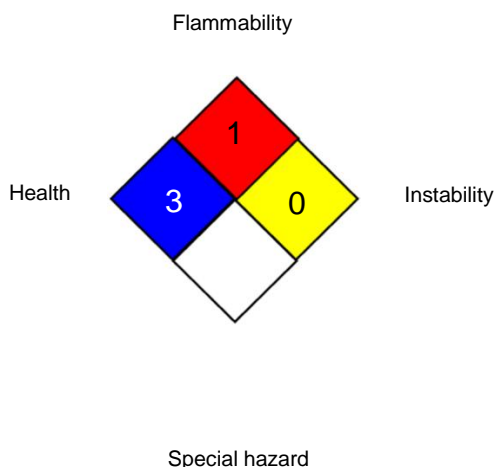
**The ingredients of this product are reported in the following inventories:**

TSCA : On the inventory, or in compliance with the inventory

**SECTION 16. OTHER INFORMATION**

**Further information**

**NFPA 704:**



**HMIS® IV:**

<b>HEALTH</b>	<input type="text"/>	<input type="text"/>
<b>FLAMMABILITY</b>	<input type="text"/>	
<b>PHYSICAL HAZARD</b>	<input type="text"/>	

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

**Full text of other abbreviations**

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

## MasterEmaco ADH 327 PART B

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

its for Air Contaminants  
 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):  
 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit  
 ACGIH / TWA : 8-hour, time-weighted average  
 ACGIH TLV / TWA value : Time Weighted Average (TWA):  
 NIOSH / Ceil\_Time : Ceiling Limit Value and Time Period (if specified):  
 NIOSH / REL value : Recommended exposure limit (REL):  
 NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek  
 NIOSH REL / C : Ceiling value not be exceeded at any time.  
 OSHA P0 / TWA : 8-hour time weighted average  
 OSHA Z-1 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 11/17/2020

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our com-

**MasterEmaco ADH 327 PART B**

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/17/2020	000000259979	Date of first issue: 11/17/2020

---

mitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

US / EN