

F 33

SPECIAL DE-SCALANT AGENT FOR THE REMOVAL OF IRON – SILICA – SULPHATE RESIDUES

IDENTIFICATION OF THE SUBSTANCE:

THE BALANCED AND SPECIALLY CONCEIVED FORMULA OF **F 33** ENABLES IT TO REMOVE RAPIDLY EVEN THE TOUGHEST RESIDUES OF IRON-SILICON-SULPHATE SCALE FORMATIONS. THE PRESENCE OF CORROSION INHIBITORS PRESERVES METAL PARTS FROM AGGRESSIVE ATTACKS. IT IS ADVISED, HOWEVER, NOT TO USE THE PRODUCT ON SUCH PARTS. BECAUSE OF ITS HIGH DESCALING EFFECTIVENESS, IT IS RECOMMENDED TO RINSE THE PRODUCT OFF WITH COPIOUS AMOUNTS OF WATER AFTER RESIDUE REMOVAL.

USE AND DOSAGE :

DEPENDING ON THE CASE, THE PRODUCT CAN BE USED PURE OR IN 30 – 50% DILUTION, ALLOWING IT TO ACT FOR THE SPECIFIED AMOUNT OF TIME. THEN, ALWAYS RINSE –OFF WITH COPIOUS AMOUNTS OF WATER.

MAIN USES:

REMOVAL OF MAJOR SCALING FROM PIPE BUNDLES, SWIMMING POOL CERAMIC KLINKER WALLS, FLORENCE TERRA COTTA, KLINKER ETC...

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	LIGHT RED LIQUID
ODOR	PUNGENT
SOLUBILITY IN WATER	COMPLETE
pH of THE PRODUCT "AS IS"	<1
pH (1% solution)	<1
SPECIFIC GRAVITY AT 25°C	1.15 Kg/l

CHECKS:

LEGAL REFERENCE:

WARNINGS AND HAZARDS IDENTIFICATION

THE PRODUCT IS **CORROSIVE**

HAZARD STATEMENTS:

H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

H335 MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS:

P102 KEEP OUT OF REACH OF CHILDREN.

P260 DO NOT BREATHE VAPOURS.

P264 WASH HANDS THOROUGHLY AFTER HANDLING.

P303+P361+P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY

ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/ SHOWER.

P304+P340 IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

AVOID PROLONGED CONTACT.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

RESPIRATOR:

FACE MASK COMPLETE WITH ACID FILTER

HAND PROTECTION: GLOVES

EYE PROTECTION: TOTAL SAFETY GOGGLES

CLOTHING: PROTECTIVE CLOTHING

ADDITIONAL MEASURES: EYE WASH BOTTLES

TLV LIMITS: TLV LIMITS NOT ESTABLISHED

HANDLING AND STORAGE

HANDLE WEARING RUBBER GLOVES AND SAFETY GOGGLES. STORE AT ROOM-TEMPERATURE AND PROTECTED AGAINST DIRECT SUNLIGHT.

AVOID CONTACT WITH VITREOUS MATERIAL.

FIRST-AID MEASURES

SKIN: REMOVE ANY CONTAMINATED CLOTHING. WASH THE AFFECTED AREAS WITH COPIOUS AMOUNTS OF FLOWING WATER.

EYE: WASH EYES WITH COPIOUS AMOUNTS OF FLOWING WATER IMMEDIATELY, GENTLY PRIZING OPEN EYELIDS TO ENSURE EFFICIENT WASHING.

IF NECESSARY, ASK FOR A SPECIALIST'S EXAMINATION.

INGESTION: WASH OUT MOUTH WITH COPIOUS AMOUNTS OF WATER AND DRINK WATER OR MILK OR EGG WHITE. SEEK MEDICAL HELP AS SOON AS POSSIBLE.

INHALATION: REMOVE THE PERSON TO AN UNCONTAMINATED AREA; IF THE PERSON'S BREATH IS IRREGULAR OR INTERRUPTED, PRACTICE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

COMPOSITION:

IT CONTAINS INHIBITED MINERAL ACIDS, OVER 90% BIODEGRADABLE NONIONIC SYNTHETIC SURFACTANTS, HYDROCHLORIC ACID CONC. >25%, CORROSION INHIBITORS AND AS MUCH WATER AS NECESSARY.

PACKAGING

10 LTR. BARREL

TRANSPORT INFORMATION

TRANSPORT BY ROAD: UN 3264. CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(hydrochloric acid ... %, ammonium bifluoride; ammonium hydrogen difluoride), 8, II, ADR