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Chemical product	CAS number	EC number	Molecular formula	NR	SBR	IIR	EPDM	EPDM	NBR	CR	CSM	FPM	PE-X	UHMW	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	Aluminium	Bronze	Brass	Carbon steel	Stainless steel AISI316
Salicylic acid	69-72-7	200-712-3	C ₇ H ₆ O ₃	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	B	B	C	A
Salt water / sea water	-	-	-	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sewage	-	-	-	B	B	A	A	A	C	B	A	A	A	A	D	B	C	A	A	A	A	B	C	C	B	A
Silicone oil	63148-62-9	-	-	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Silicons greases	-	-	-	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A	A
Silver nitrate	7761-88-8	231-853-9	AgNO ₃	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	A
Soda caustic 65°C / 149°F sodium hydroxide	1310-73-2	215-185-5	NaOH	C	C	A	A	A	B	A	A	A	A	A	B	B	B	A	A	A	A	C	C	C	B	A
Sodium acetate	127-09-3	204-823-8	CH ₃ COONa	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	A
Sodium aluminate	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	A	A
Sodium bicarbonate	144-55-8	-	NaHCO ₃	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	A
Sodium bichromate	-	-	-	C	C	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Sodium bisulfate	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	C	C	C	A
Sodium bisulfite	7631-90-5	-	NaHSO ₃	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	C	A
Sodium borate	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium carbonate	-	-	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium chloride	7647-14-5	231-598-3	NaCl	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	C	C
Sodium chromate	10034-82-9	-	Na ₂ CrO ₄ ·4H ₂ O	C	C	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	B	A	B	B	A
Sodium cyanide	143-33-9	-	NaCN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	C	A	A
Sodium fluoride	7681-49-4	231-667-8	NaF	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	C	A
Sodium hypochlorite	7681-52-9	231-668-3	ClONa	D	D	B	B	B	D	C	B	A	A	A	B	B	B	A	A	A	A	C	C	C	C	C
Sodium metaphosphate	-	-	-	A	A	A	A	A	A	A	A	A	A	A	D	A	A	A	A	A	A	C	C	C	C	A
Sodium nitrate	7631-99-4	231-554-3	NaNO ₃	A	A	A	A	A	A	A	A	A	A	A	D	C	B	A	A	A	A	A	A	A	A	A
Sodium nitrite	7632-00-0	-	NaNO ₂	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A
Sodium perborate water solution	10486-00-7	-	NaBO ₃ ·4H ₂ O	B	B	A	A	A	B	B	B	A	A	A	B	A	B	A	A	A	A	-	C	C	B	A
Sodium phosphate	7601-54-9	231-509-8	Na ₃ PO ₄	A	A	A	A	A	A	A	A	A	A	A	D	B	B	A	A	A	A	B	B	B	B	A
Sodium silicate	1344-09-8	239-981-7	Na ₄ O ₄ Si	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A	A	A	A	-	C	C	A	A
Sodium sulfate	7757-82-6	-	Na ₂ SO ₄	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Sodium sulfide	1313-84-4	-	Na ₂ S·9H ₂ O	B	B	A	A	A	B	A	A	A	A	A	A	A	B	A	A	A	A	-	C	C	A	A
Sodium sulfite	7757-83-7	231-821-4	Na ₂ SO ₃	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A
Sodium thiosulfate	7772-98-7	-	Na ₂ S ₂ O ₃	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	C	A
Soybean oil	-	-	-	D	D	D	D	D	A	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Stannic chloride	-	-	-	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A	C	C	C	C	C
Stannic sulfide	-	-	-	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A	A
Stannous chloride	10025-69-1	-	SnCl ₂ ·2H ₂ O	A	A	A	A	A	A	A	A	A	A	A	B	B	A	A	A	A	A	C	C	C	C	C
Stannous sulfide	-	-	-	B	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C	A	A

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Chemical product	CAS number	EC number	Molecular formula	NR	SBR	IIR	EPDM	EPM	NBR	CR	CSM	FPM	PE-X	UHMW	VMQ	FMQ	AU	PVDF	PTFE	PFA	MFA	Aluminium	Bronze	Brass	Carbon steel	Stainless steel AISI 316
Seal over 120°C / 248°F	-	-	-	D	D	A	A	A	B	D	D	D	D	D	D	D	D	A	A	A	A	C	C	C	A	A
Seal under 120°C / 248°F	-	-	-	D	D	A	A	A	A	D	D	D	D	D	D	D	D	A	A	A	A	A	A	A	A	A
Stearic acid	-	-	-	C	C	B	B	A	D	B	B	A	A	A	B	D	D	A	A	A	A	B	B	B	C	A
Stoddards solvent	-	-	-	D	D	D	D	D	A	C	C	A	A	A	D	A	A	A	A	A	A	A	A	A	A	A
Styrene	100-42-5	202-851-5	C ₈ H ₈	D	D	D	D	D	D	D	D	C	A	A	D	D	D	A	A	A	A	B	B	B	B	A
Sulfonic acid	-	-	-	D	D	C	C	B	D	C	D	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfur chloride	-	-	-	D	D	D	D	C	D	D	B	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C
Sulfur dioxide	7446-09-5	231-195-2	SO ₂	D	D	B	C	B	D	C	A	A	A	A	D	D	D	A	A	A	A	A	A	A	A	A
Sulfur trioxide	7446-11-9	231-197-3	SO ₃	D	D	B	C	B	D	D	D	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric acid 25%	-	-	-	C	D	A	A	A	D	B	A	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric acid 25-50%	-	-	-	D	D	B	B	A	D	D	A	A	A	A	D	D	D	A	A	A	A	C	C	C	C	A
Sulfuric acid 50-96%	-	-	-	D	D	D	C	D	D	C	A	A	A	A	D	D	D	A	A	A	A	C	C	C	C	C
Sulfuric acid, fuming	8014-95-7	016-019-00-2	H ₂ SO ₄ containing ca. 20% SO ₃	D	D	D	D	D	D	D	D	A	D	D	D	D	D	C	A	A	A	C	C	C	C	C
Sulfurous acid 10-75%	-	-	-	D	D	A	A	A	D	D	A	A	A	A	D	D	D	A	A	A	A	B	C	C	C	A