TSI Aquatic Module 2 Chemical Unit 1: Matter

Table 1.3. Properties of common compounds and mixtures and of their constituent elements

Substance	Matter	Description
O a series of Ocalifornia	Category	
Copper Sulfate		Daddish assures afterested
Copper (Cu)		Reddish-orange soft metal
Sulfur (S)		Bright yellow solid
Copper Sulfate (CuSO ₄)		Bright blue crystalline salt
Copper Sulfate dissolved in		Blue liquid
Water (CuSO₄in H₂O)		
Sodium Chloride		
Sodium (Na)		Soft, silvery-white metal
Chlorine (Cl ₂)		Pale, yellow-green gas
Sodium Chloride (NaCl)		White crystalline solid (table salt)
Salt Water (NaCl in H ₂ O)		Colorless liquid
Salt and Pepper (NaCl and		White crystalline solid and crushed
pepper, which includes		shards of brown and black
piperine, $C_{17}H_{19}NO_3$, pinene,		
sabinene, limonene, linalool,		
and more)		
Glucose		
Carbon (C)		Brittle black solid (coal) OR soft gray solid (graphite) OR transparent hard solid (diamond)
Hydrogen (H ₂)		Colorless, odorless gas
Oxygen (O ₂)		Colorless, odorless gas
Glucose (C ₆ H ₁₂ O ₆)		White crystalline solid
Corn Syrup (C ₆ H ₁₂ O ₆ , H ₂ O,		Thick, clear liquid
NaCl, and vanilla, which		
contains vanillin, C ₈ H ₈ O ₃ ,		
piperonal, and several		
hundred other compounds)		